

# **Bits & Chips**

**of the Gateway Computer Club**

**VOLUME 07**

**1990**

**No. 01-12**

# of the Gateway Computer Club

## Number 1

I would also like to give a hearty thanks to this years recipient of the member of the year award , and that person is  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX , tell you what , show up wednesday and i'll tell you in person right before the installation of the new officers . so see you there .

A simple line drawing of a person with a devil's horn headband, long curly hair, and a long dress, with musical notes floating above their head.

## THE CLUB

The Gateway Computer Club is a not-for-profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members received access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## THE OFFICERS

PRES:Rich Koerper.....452-5110  
VP:Jim Tomlinson.....624-3872  
SEC:Earl Salmons.....397-5029  
TREAS:Ken Welker.....234-5901  
LIBR:Rick Keller.....345-7207  
EDITOR:Bertha Koerper..452-5110  
MAL:Dan Deutschmann....588-4721  
MAL:Everett Truttmann632-4735  
MAL:Pat Langa.....242-0282  
MAL:Bill Broda.....533-0148

## BITS & CHIPS

Please direct all submissions and advertising to editor Bertha Koerper, 109 Wilson Park Lane, Granite City, IL 62040. Camera-ready advertising must be received by the first of the month to be included in the issue of the

month. Rates are as follows: Full Page - \$15.00, Half Page - \$7.50, Quarter Page - \$3.75, and Business Card - \$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## TREASURER'S REPORT

By Ken Welker

BALANCE DEC. 1, 1989. \$881.98

I		
N	D.O.M. SALES.....\$	36.00
C	BLANK DISKS.....\$	35.00
O	MEMBERSHIP.....\$	75.00
M	50/50.....\$	12.00
E		

DEC. INCOME.....\$158.00

E		
X		
P	NEWS LETTER.....\$	38.80
E	POSTAGE.....\$	25.00
N	ENTERTAINMENT.....\$	50.00
E		

DEC. EXPENCES.....\$105.80

CURRENT BALANCE.....\$934.18  
AS OF JANUARY 1, 1990

## FORTH AND INCHES

Forth and inches is as the name implies a football simulation game . Playability is very good , controls can be handled from either the mouse (Amiga) or joystick , and you can either play against the computer or another human opponent . After the kickoff and runback , if you are on the defense , you are faced with choosing one of several defensive formations . After choosing the formation you decide if you want to red dog , blitz , or have no blitz , and whose going to do this dogging and blitzing . Then you choose which player you want to be . This all happens on every play so don't be too concerned if you're not making it at middle linebacker , you can always switch to another linebacking position or the backfield . Now if you are on the offense it's a little different of course but the user interface is the same . first you choose you're offensive formation i.e. double tight end , split , shotgun etc..

After choosing the formation you are given the option of running with the ball or passing , depending on the formation , and the pass route or running play to be used . The next menu you see lets you decide who will eventually be carrying the ball i.e. the intended reciever or the running back . Again you are given full choices on every play . I realize this may all sound confusing and worse time consuming , but believe me it

isn't at all , it takes alot less time than the real guys take .

Too be honest there are a few things I would like to have seen included i.e. a greater number of plays to choose from on each play , plus something I would really like is the ability to go to a secondary reciever if needed . Throw in a few penalties , maybe an injury or two and you got yourself a football game . Just remember for the computers sake no beer , pretzels , popcorn , soda , or cigars near the terminal , thank you .

I have too admit even without these additions next to "Hardball", "Forth and Inches" is my most used game disk . A couple of hints from one who has still not lost a football game to the computer even after a couple of seasons worth of play , me . Stick with quick outs and screen passes , use the bomb or fly pattern sparingly but you can use it .

After the catch , and on running plays , run at a forward angle to the sidelines picking up as much yardage as you can before going down .

## Membership Report

by Everett Truttmann

As of 12-21-89 the club had 55 members.

Also a reminder to Laura Blackwell , Joel Hillyard , and Sandy Johnson it's time to renew you're memberships .



**Gateway Computer Club  
meeting place**

RT. 137 TO COLLINGSVILLE

CASTLEVIEW TOWNSHIP BUILDING

PAINTING HEIGHTS

CITY HALL

MARK DRIVE

AMOCO STATION

BUNKER ROAD

HANDY CAR

RT. 139

CLARK STATION

RUBY LAKE

DOLGINS

TARGET

WHITE CASTLE

KROGER

VENTURE

CHURCH

ST. CLAIR SQUARE

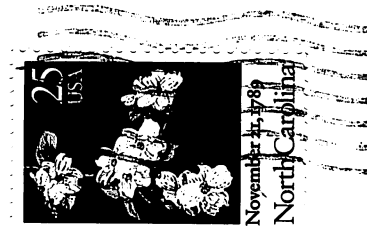
TO BELLEVILLE VIA 17th ST.

ILLINOIS FEDERAL

CIVIL WAR TRAIL



LIBRARY OF CONGRESS  
STAMP: JAN 15 1990  
CITY OF ST. LOUIS, MO 631



# First Class

# **Bits & Chips**

**of the Gateway Computer Club**

Volume 7

February 1990

Number 2

## **View from the top**

BY PRESIDENT JUANITA WELKER

It is a new year and also a new beginning for our club. In the coming months we will try to present some new items of interest and also rely on some old.

We intend to present a short demo of at least one program each meeting night. We will have some copy sessions and one auction. I would like to have a computer open house, more on that idea later.

We are going to a ball game -- we just have to set the date.

The new Board of Directors and myself are open to suggestions from the membership as to topics for discussions and/or Sigs.

There will be a 64-128 computer set up at each meeting, so if you are having a problem with a program, bring it to a meeting and we will try to help or at least point you in the right direction for correct answers.

I know that some of the members feel like the club is forgetting about our 64 members. I want to reassure you that this is NOT the direction of this Board of Officers.

We are going to try to get back to putting a short synopsis of each month's Disk of the Month in the newsletter. This will be for the 64 and the Amiga DOM's.

I am sorry to announce that the 128 will only have a DOM every other month or maybe even quarterly. We just cannot find enough good public domain programs to put together a good DOM every month.

You will find a tentative calendar listed elsewhere in this newsletter. It should list the next 6 months activities. We will try to stay as close to this calendar as possible.

February's plan is a Copy Session--For those members that have never been to a copy session, this is what happens. YOU bring your equipment and then you can borrow programs from OUR library to copy. If you are not interested in the copy session, then stick around for a short demo on a program called "LET'S MAKE CALENDARS & STATIONERY." This is a valueware program. It retails for about \$6.00. Also I will help, as promised, anyone who wants to wade through the tax forms.

We need to grow and keep our members interested in our club so if anyone has any suggestions or help, it will be appreciated.

### **New G.C.C. members**

Van Bushue  
Ray & Corrine Macklin  
Welcome to the club.

# Reports

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EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasure's Report

### TREASURER'S REPORT

By Ken Welker

BALANCE JAN. 1, 1990. \$934.18

I  
N D.O.M. SALES.....\$ 49.00  
C BLANK DISKS.....\$ 58.00  
O MEMBERSHIP.....\$ 60.00  
M 50/50.....\$ 10.00  
E SODA.....\$ 7.70

JAN. INCOME.....\$184.70

E  
X  
P NEWS LETTER.....\$ 23.40  
E AWARDS.....\$ 41.80  
N P.O. BOX RENTAL.....\$ 36.00  
S  
E  
S

JAN. EXPENSES.....\$101.20

CURRENT BALANCE.....\$1017.68  
AS OF FEBRUARY 1, 1990

### Notice

There will be a 128 D.O.M. this month, The report was too late to be included in this issue.

ED.

# Comment

## EDITOR'S VIEW

As your newly elected editor, I to thank all those who voted for me, and I will do my best to find something to edit, to give you an informative newsletter, and to get it to you on time.

Now, I need your help. Unless I get some input from the members, I'm afraid we may continue to have a sparse newsletter.

Write a few lines to tell us what you and your computer are doing together. Perhaps you solved a game, tell us how, or maybe you had an unusual experience with a piece of equipment or program, a program that does not run right. We want to know.

If you are having a problem with a word processor, a spread sheet, or a game, etc, write an article about it, explaining it the best you can. Maybe we can start a clinic to solve it for you. We all need help at times, that is what our club is all about, helping one another. I'm going to write an article later and tell you the experience I had getting a hard drive up and running on my Amiga.

You can give your copy to me at our regular monthly meeting, or mail it to me..

Larry Briggs  
1021 Lafayette Ct.  
Collinsville, Il 62234

**THE ROBERT SUAREZ MEMORIAL AWARD** for the year 1989 for the outstanding club member who has contributed the most to our club during 1989 was presented to Everett Truttmann. Everett has been membership chairman for three years and has accepted the job of librarian for the coming year. He has devoted much time and effort on behalf of this club and we are very grateful. Everett has been a member since 1986.

## AMIGA VIRUS

Well, here's a little tidbit of information for those of you who haven't been keeping up with the news. As the new year rolls around and the snow starts to melt, a number of changes

are occurring--and I don't mean the Christmas lights disappearing or the new rust spots on your car. I'm talking about new laws. Yes, each year brings with it a multitude of new laws on everything from taxes to the number of lashes you have to put on your pet elephant. But this year there is a new law that could possibly effect us computer buffs. In the state of Illinois it is now illegal to infect a computer with a virus. I can only assume that those of you that boot up with infected disks are breaking the law in your very own homes. Likewise, for those of you who pirate software (which is also against the law) Beware of passing along disks--especially ones that are infected. Also, I have heard stories about software companies that have unknowingly spread viruses in commercial software.

So, have a safe and bug free year, find yourself a virus checker (such as the public domain program VirusX) and check all your disks that contain a workbench--even newly purchased ones.

\* NOTE: When using a virus checking program, be careful to erase on viruses! Sometimes programs will have non-standard boot blocks as part of their copy-protection. These are NOT viruses and should NOT be erased!

Scott Moats

# Secretary's Report

BY BERTHA KOERPER

GATEWAY COMPUTER CLUB MINUTES FROM  
JANUARY 17, 1990

The meeting was brought to order at 7:15 p.m. by President Dick Koerper. All board members were present except MAL Pat Langa. Secretary Earl Salmons read the minutes from December's regular and board meetings. The Treasure's report was also read and noted in the Secretary's report. The membership report was given by Everett Truttman who announced the club has 53 members. V.P. Jim Tomlinson, Editor Bertha Koerper, and Treasure Ken Welker has nothing to report. A question and answer session took place in which members had their questions answered and several good comments about hardware and software were made. The yearly presentation of the Bob Suarez member of the year award was presented by President Dick Koerper to Everett Truttman.

At this time Carlos Mariles installed the new Board Members for 1990. They are: Juanita Welker-President, Earl Salmons-Vice President, Ken Welker-Treasure, Bertha Koerper-Secretary, Larry Briggs-Editor, Everett Truttman-Librian/Membership, Jim Tomlinson-MAL, and Ken Jeffries-MAL. Bill Broda is now serving his second assigned year as MAL. MAL Pat Langa moved out of the area and President Welker assigned Dick Koerper to fill Pats second assigned year. President Welker also presented past President Dick Koerper with a gift (a silver pen) in appreciation for his past services. After a short break, President Welker announced the next copy session will be held at the February meeting and she will give a demonstration on a program that makes calanders. The 50/50 drawing was won by Dan Deutschmann for the amount of \$9.00. Juanita Welker gave a demonstration on the new tax program the G.C.C. bought. A copy of this program is available to the club members for \$3.00. The meeting was adjourned at 8:30 p.m.

## Gateway Computer Club Membership/Renewal Form

Date \_\_\_\_\_ No. \_\_\_\_\_

NAME: \_\_\_\_\_

COMPUTER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

DISK DRIVE: \_\_\_\_\_

CITY: \_\_\_\_\_

MONITOR OR TV: \_\_\_\_\_

STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PRINTER: \_\_\_\_\_

HOME PHONE NO.: \_\_\_\_\_

MODEM: \_\_\_\_\_

DUES PAID: \$ \_\_\_\_\_

OTHER: \_\_\_\_\_

## COPYRIGHT CONSENT

By signing this form and joining the Gateway Computer Club, I hereby agree and consent to abide by the constitution and bylaws of the GCC and the rules concerning copyrighted software and shall not copy such software at any club function.

Signature: \_\_\_\_\_

# <sup>GCC</sup>Compu**T**ips

## CALENDER for 1990

### CALENDAR - 1990

JANUARY - Inst. of Officers-  
Demo Tax Program  
FEBRUARY - Copy Session - Demo  
Calendar Program -Tax Help  
MARCH - Demo Word Processing  
Programs (64, 128 & Amiga)  
APRIL - Roundtable Discussion-  
Talk on New Products  
MAY - Demo Spreadsheets (64 &  
Amiga)  
JUNE - Demo Games (64 & Amiga)  
JULY - Copy Session - Demo  
AUGUST - Demo Drawing Programs  
(64 & Amiga)  
SEPTEMBER - Auction,  
Nominations Officers for 1991  
OCTOBER - Nominations Officers  
for 1991 - Demo  
NOVEMBER - Elections - Demo Music  
Programs  
DECEMBER - Christmas Party

This is an proposed schedule for  
1990 subect to change.

## D.O.M. FEES

Below is a list of fees for  
copies of disks from the club  
library, also the disk of the  
month.

C64 DOM \$2.00

128 DOM \$2.00

Amiga DOM \$3.00

Tax Prog. \$3.00 Until april 15th.  
This-disk can not be copied from  
the library.

If you want a copy of any other  
disk, you can ask the librarian  
to make a copy for you, the fee  
is \$1.50 for an 64 or 128.

The Amiga disks can not be copied  
at the club meeting, but you may  
pay the librarian \$1.50 and he  
will give you the copy at the  
next meeting.

## FASTER 1571 SAVES

DATA ON SIDE 2 OF THE 1571--The  
1571 Double-sided drive allows  
twice as much storage as a  
single-sided 1541 disk.  
However,once you have reached 664  
or fewer blocks free, data saved  
to the disk are quite slow. It  
appears that the drive writes a  
block, then checks for the next  
free block, writes another  
block, and so on. If you have  
several long programs on the  
first side, you can reduce these  
delays by copying the long  
programs to the back of the disk  
and then scratching the original  
version. The data files will now  
be written, at normal speed, to  
the empty blocks on the first  
side of the disk

Richard Young  
Greenwood, N.S., Canada

## TYPING AID

LISTEN WHILE YOU WORK--Typing  
programs is a long and tedious  
job. I've found a way to enter  
programs four times as fast,  
virtually error free and with  
considerably less eye strain.  
First, I slowly read the program  
into my tape recorder. Then I  
play it back, typing the program  
as I listen, it's especially  
useful for entering long programs  
with many Data statements.

Harv Harris  
Wichita, KS

## PRINTER TIP

MAILING LABELS--When you are  
finished printing labels, the  
printer often advances a whole  
page. DO NOT roll them back to  
save lables, if you do, the  
chances are that they will peel  
off onto the platen, pressure  
rollers, or metal pan surrounding  
the platen. A loose label can  
also jam the printhead and damage  
the pins. This could result in a  
very costly repair job.

# DOM

## for the AMIGA

by Jim Tomlinson

**AMIGAPHONEBOOK** - APB is a phone book for your amiga that will hold Name, Number, Address and some Notes on anyone. It also will dial numbers for you using your modem. Documentation is in APB\_read.me and APB\_QStart.txt.

**UEDIT** - Here is a good text editor for both the beginner and the expert. Includes a tutorial mode and many other features.

**SPACEWAR** - This is the old space war arcade game that many of us spent our quarters on. It's you versus a friend in the fight to who controls space. You can have a gravitational Sun, no Sun or a Black Hole.

**SPREADSHEET** - A full-featured spreadsheet that emulates Lotus 1-2-3 in many ways. Documentation is in SPREAD.DOC.

**AZCOMM-UPD2.5** - This is an update to AZCOMM and must be copied over your old AZCOMM using CLI.

**SMALLCAL** - If you ever need a monthly calender on your AMIGA, this will fit the bill. Just run from CLI or use runback in your startup-sequence and it will always be present. You have the ability to go to any month and year.

**HAMSHARP** - Hamsharp is supposed to provide a sharper image to any ham mode picture. This can only be run from the CLI. Documentation is provided.

**ALIGN** - Although I haven't tried this myself, this is supposed to be an excellent drive alignment program. CLI only!

January's demonstration and disk of the month was a timely program to help do your federal taxes. It really is a neat program. It is easy and straight forward to use. The program does all your calculations for you and even prints your forms. You still have a chance to get this program. Just ask for January's DOM.

The Gateway Computer Club extends its appreciation to Rich Koerper for a job well done as out President for 1989. Incoming President Juanita Welker presented a pen to Rich to commerate his year of service. From all of us in the club, Thanks Rich.

## THANK YOU

With keyboard in hand, I put to words this message of thanks for the honor bestowed upon me as the winner of the "BOB SUAREZ" award for 1989. It was an honor for me to receive this award and I sincerely thank the members.

*Everett Truttmann*

Two elderly people were sitting in a park. The one looked at the other and said, "they say when you get old three things happen. One, you lose your memory....," he paused. "and I forget the other two!"

**by Everett Truttmann**

**7 BLOCKS FREE.**

```

0  "PRINT SHOP DUMPS"  USR
11 "PS DUMP V2.0+"  PRG
13 "PS DUMP CBM V0"  PRG
0  "===== "  USR
0  "PRINTSHOP LABELS"  USR
6  "PSLABELV2.1-DOC"  SEQ
42 "PSLABEL/EPS V2.1"  PRG
19 "PSLABEL/CBM V3.0"  PRG
0  "===== "  USR
0  "PRSHF/PMSTR/NSRM"  USR
85 "PS/PM/NR V1.2"  PRG
0  "===== "  USR
0  "PRNTSHOP TO GEOS"  USR
14 "PRINTSHOP-GEOS"  PRG
0  "===== "  USR
0  "PRSHOP TO DOODLE"  USR
50 "PS GR - DD"  PRG
0  "===== "  USR
0  "PR SHOP<>FR SHOP"  USR
3  "PS A TO B V1.0"  PRG
3  "PS B TO A V1.0"  PRG
30 "PS B TO A 2/DRV"  PRG
0  "===== "  USR
61 "PS.A2B2A.12BCB0"  PRG
0  "===== "  USR

```

## PRINTSHOP GRAPHICS

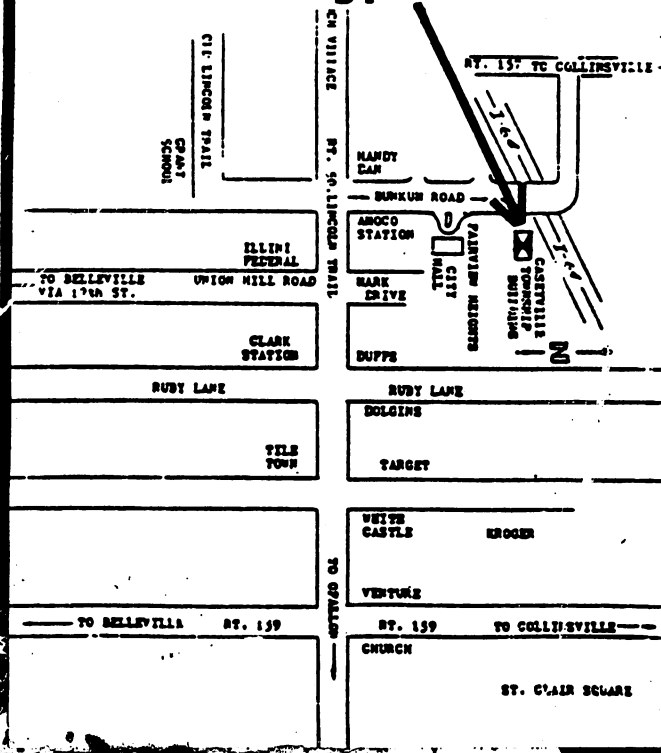
On the flip side of the disk you will find Print Shop utilities to convert clip art. Also a jillion pieces of clip art, have fun.

**COLORFUL PRINT SHOP--**Output from the popular Print Shop program can be brightened up by using colored marker pens. It's easy to color The Print Shop text and designs and with the range of colors available in markers today, your creativity can be virtually unlimited. Give this idea a try the next time you do something with The Print Shop. It's extremely easy to do, and the results must be seen to be believed.

Roger Baillie  
Kensington, PEI, Canada



## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

Feb. 21 7:00 P.M.

### Next Exec. Bd. Meeting:

Feb. 28 7:00 P.M.

(At Denny's Restaurant)

### Next Copy Session:

Feb. 21 At the regular  
Meeting. Bring your  
computer.

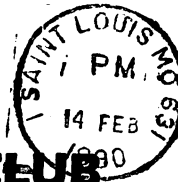
### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every  
month at the Caseyville Township Hall, 10010  
Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
P.O. Box 1839  
Fairview Heights, IL 62208



Volume 7

February 1990

Number 2

Check your dues date!

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

March 1990

Number 3

## View From The Top

By Juanita Welker

March is here again and with it the green beer, green hats and funny looking little green men. I think everyone becomes Irish on the 17th. To everyone who is Irish and everyone who wishes they were, Happy St. Patrick's Day.

I am happy to announce that the date of the ball game we are going to is Sunday, June 17th. This is an afternoon game against Montreal and the seats are in the loge reserve section. The cost is \$8.50 each. We have 25 tickets and they will be reserved on a first come first serve basis. If you would like to go please let me know. I will have the tickets by the end of March.

March's meeting will feature demonstrations on a variety of Word Processing Programs. Hopefully we will have the 64, 128 and the Amiga demos.

Ken and I are planning to attend the Computer Fair in Cedar Rapids. Hopefully we will bring back some good ideas and information to you all.

We are working on a Computer Open House and will keep you informed of our progress.

I would like the membership to be thinking forward to the month of April. Have you used a new peripheral- a new, to you, piece of software? This is what we will be discussing in a round table format in April. We would like to have you all share with us your experiences both good and bad.

If you have any experiences with software and/or hardware you might want to type up three or four

lines, print it out and give it to Larry Briggs for insertion in our newsletter. We really want to hear from you. See you at the March meeting.

### OVERVIEW

BY JUANITA WELKER

This is going to be something new for our newsletter and hopefully will be also informative.

I hope to write about either a magazine or an article about the wonderful world of Commodore. This month we are going to look at Compute Gazette for Commodore 64/128 Users.

If you are a novice or a veteran computerist, I think you will find something of interest in this magazine. The February issue has an article on a section of Q-link. There are programs to type in and to use which are of surprising quality. There are letters from the readers who have problems either with programming or hardware and informative helpful answers from the writers of the columns. There are also reviews of what's new on the Commodore scene. One of the most intriguing article was by Tom Netzel titled The 64-Hot or Cold.

There is also articles on Basic Programming and Geos. There is something for just about everyone.

I recommend this magazine to all our members.

# Reports

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By Ken Welker

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N	D.O.W. SALES.....\$	97.58
C	BLANK DISKS.....\$	87.75
O	MEMBERSHIP.....\$	38.88
M	58/58.....\$	8.88
E	SODA.....\$	5.58

-----  
FEB. INCOME.....\$233.75  
-----

E		
X		
P	NEWS LETTER.....\$	46.98
E	POSTAGE.....\$	25.00
N	MISC. SUPPLIES.....\$	8.95
S	REPAIR DISK DRIVE...\$	25.00
E		
S		

-----  
FEB. EXPENSES.....\$105.85  
-----

CURRENT BALANCE.....\$1144.98  
AS OF MARCH 1, 1990

# Editors View

By Larry Briggs

With some help from Scott Moats, and my wife Charlotte, who did the proof reading, I managed to get the first issue of the Bits & Chips mailed on time. Hopefully with your approval.

I tried to format the first issue using Professional Page, a desk top publishing program on the Amiga. But I found that it was too difficult to get all the items in the right place. I gave up and went to the old tried and true method, cut and paste. I will still try to work with PPage to see if I can get the job done. The one good thing about ProPage is the two new fonts added in the last update. These fonts are called COMPUGRAPHIC, these are known as structured fonts, they print with no "jaggies". The regular fonts are known as Bit mapped, they are those we see when curved fonts, such as an S, are printed, they show stair steps in the curve. A fantastic improvement to say the least. Please note the new look to the head lines, BITS & CHIPS, they were made using the COMPUGRAPHIC fonts, also, printing them on the 24 pin Panasonic printer, made the fonts look like they were made at a commercial print shop.

For those of you who are curious, I will tell you what other programs I used to prepare the news letter, all AMIGA. The word processor was WordPerfect, This is the program used by most businesses. I find it easy to use, and very good customer support, just call an 800 number for help. I used Deluxe Paint to make some of the headlines, because this program will allow me to change the size of the fonts, Wordperfect will not. Excellence was also used, a good word processor, as some items submitted by members, used that program. I will be able to convert articles written on a 64

over to the Amiga. If any member wishes to have an article published in the newsletter, save the article on a C64 disk and give it to me at the regular meeting.

I now have a Panasonic KX-P1124, a 24 pin printer that does letter quality text and I hope to digitize photographs to print in the future news letters...

I realize that this may not mean much to you C64/128 users, but someday, when your 64/128 gives out and you can not replace it, you may be forced to buy another brand of computer, hopefully it will be an AMIGA, as we do not want to loose you as a member of the GATEWAY COMPUTER CLUB...

---

Are you an active member  
The kind that would be missed,  
Or are you just content  
That your name is on the list?

Do you attend the meetings  
And mingle with the flock,  
Or do you stay at home  
And criticize and knock?

Do you ever tote and lift  
Your mind and body ever quick,  
Or leave the work to just a few  
And talk about the clique?

Come to the meetings often  
And help with hand and heart.  
Don't be just a member  
But take an active part.

Think this over, member,  
You know right from wrong,  
Are you an active member  
Or do you just belong?

---

BACKUP DISK: (I didn't even know they could go forward!)

# Secretary's Report

By Bertha Koerper

GATEWAY COMPUTER CLUB MINUTES FROM  
FEBRUARY 21, 1990

The meeting was brought to order at 7:00 p.m. by President Juanita Welker. All board members were present. Secretary Bertha Koerper read the minutes from January's regular club meeting. The Treasurer's report was read by Treasurer Ken Welker and the report was accepted. Editor Larry Briggs had nothing to report. Librarian/Membership Everett Truttmann reported the club is holding with 53 members. Under old business, President Welker announced the club will be going to a Cardinal baseball game on June 17, Father's Day. This will be a Sunday afternoon game. The club ordered 25 tickets in the loge reserved section. Tickets will be \$8.50 a piece. Under new business, Vice President Earl Salmons is checking into the possibility of a club open house/computer fair. The idea was brought up by President Welker for the club to purchase software to be

demonstrated at the meetings and for club members to use only at the meetings. This would give club members the opportunity to check out a program before purchasing it for themselves. The majority of the members seemed to be in favor of this idea. The audit report was read by secretary Bertha Koerper. It was brought to the clubs attention that all the DOM, blank disks, and club library disk prices are listed in the February Bits and Chips. The general mail was read. It was also brought to every ones attention in an article read that the sales of the Commodore C128 and 64 were overwhelming over the Christmas holidays. The Commodore Computer Company is going to increase production of the C128 and 64 this spring. After a short break, the 50/50 drawing took place and Everett Truttmann won \$8.00. A demonstration on a calender and stationary program was given by Juanita Welker. The meeting was adjourned at 8:30 p.m.

## Gateway Computer Club Membership/Renewal Form

Date \_\_\_\_\_ No. \_\_\_\_\_

NAME: _____	COMPUTER: _____
ADDRESS: _____	DISK DRIVE: _____
CITY: _____	MONITOR OR TV: _____
STATE: _____ ZIP: _____	PRINTER: _____
HOME PHONE NO.: _____	MODEM: _____
DUES PAID: \$ _____	OTHER: _____

## COPYRIGHT CONSENT

By signing this form and joining the Gateway Computer Club, I hereby agree and consent to abide by the constitution and bylaws of the GCC and the rules concerning copyrighted software and shall not copy such software at any club function.

Signature: \_\_\_\_\_

# Comment

## By Scott Moats

Computers have entered into almost every aspect of our lives. However a computer is only as good as its software. Likewise, the productivity of the user is determined by his ability to use his computer and its software effectively. Through a little experimentation, I have recently discovered a rather unique way of integrating my programming skills with my use of a word processor. I am a medical student at the University of Missouri-Kansas City, as well as a teaching assistant for the chemistry department. I was recently asked to prepare a multiple choice test for a class of general chemistry students. The class has approximately 250 students and meets in a large lecture hall. To avoid cheating, I needed to produce several different versions of the test. I could have made a number of different tests, however it is hard to make them all at the same level of difficulty. I could have also scrambled the questions, however I wanted to try a different approach which would be "trickier". I left the questions in the same order on each of the different tests and scrambled the order of the answers. Here is how I did it. I typed a form letter with all the questions and left blanks for where the answers should go. Then, in a different file, I typed all the answers. The only problem was that I needed to scramble the answers while still keeping them in the correct series to fit the questions. I solved the problem by writing a program which would read in the answers from my answer file, scramble the answers for each question and then return them to the file. Then, using my word processor, I loaded in the original file with the questions and had it fill in the letters

with the scrambled answers. I did this five times and produced five different tests. Now, if someone looks at their neighbors test, they will see the same questions, but may not realize that the answers have been switched! Good idea, well maybe. Perhaps this will be a valuable technique for some of the other computer users out there. It takes a little work at first to figure out how to get it to work, but in the end, it is easier than typing a test five times.

---

## PREVENTING STATIC ELECTRICITY by Milt

Static electricity is one of the major causes of component failure in computer systems. The shock you sometimes feel when touching a door knob after walking across a carpeted room has a voltage high enough to totally destroy a CMOS integrated circuit chip. Fortunately, there are several inexpensive techniques which can be used which will substantially reduce or even eliminate static.

**Humidifiers:** Central or room size humidifiers can be used to maintain your computer room between 30 and 60 percent relative humidity, this range should eliminate almost all static charges.

**Anti-static carpet sprays** are sometimes helpful, but many are simply canned water. Read the label carefully before buying!

**Ground Plates:** Either those commercially available, or a "home made" version [composed of a piece of aluminum foil attached, with thumb tacks or tape, to a convenient place on your computer table and connected, preferably with stranded wire, to an earth ground (for example, a cold water pipe)]. Simply touching the ground plate before touching any of your equipment eliminates any static charges.

These techniques may be used in combination to achieve even better static protection. Above all, don't touch a cable connector after walking across your carpet!

# D.O.M.

## for the AMIGA

by Jim Tomlinson

**AMIGAPHONEBOOK** - APB is a phone book for your amiga that will hold Name, Number, Address and some Notes on anyone. It also will dial numbers for you using your modem. Documentation is in APB\_read.me and APB\_QStart.txt.

**UEDIT** - Here is a good text editor for both the beginner and the expert. Includes a tutorial mode and many other features.

**SPACEWAR** - This is the old space war arcade game that many of us spent our quarters on. It's you versus a friend in the fight to who controls space. You can have a gravitational Sun, no Sun or a Black Hole.

**SPREADSHEET** - A full-featured spreadsheet that emulates Lotus 1-2-3 in many ways. Documentation is in SPREAD.DOC.

**AZCOMM-UPD2.5** - This is an update to AZCOMM and must be copied over your old AZCOMM using CLI.

**SMALLCAL** - If you ever need a monthly calender on your AMIGA, this will fit the bill. Just run from CLI or use runback in your startup-sequence and it will always be present. You have the ability to go to any month and year.

**HAMSHARP** - Hamsharp is supposed to provide a sharper image to any ham mode picture. This can only be run from the CLI. Documentation is provided.

**ALIGN** - Although I haven't tried this myself, this is supposed to be an excellent drive alignment program. CLI only!

### APPETIZER DISK

Commodore, in co-operation with Gold Disk has started bundling software with the Amiga 500. The disk is called Appetizer and includes a word processor, paint program, music program and a game. Although these are not as powerful as their counterparts on the retail market, they do have a great user interface.

First in line is the word processor called aptly enough, WRITE. It has most of the features you would expect in a word processor, and a little more.

PAINT seems to be a clone of the original Deluxe Paint in many respects. There are some example pictures and many modes including "spray can" for drawing your own art.

MUSIC looks really well done and has a couple of songs included with it. The instruments seem to be DMCS type files (this I believe is the 'de facto' standard) and sound rather nice. You can compose using "note" construction or via keyboard.

Finally, TILES is the old sliding tiles game with some really nice graphics. The graphics, by the way was done using PAINT.

Overall, the disk seems to be better than any I've seen "bundled" with IBM clones. The AMIGA is the machine of the 90s and this disk is just the icing on the cake.

# D.O.M.

for the C64

by Everett Truttmann

9	"MENU",8,1	P	
2	" DIRECTORY"	S	
45	"SEQ.READ/PRINTER"	P	
7	"SMILE DARN YOU"	P	Please do.
78	"NIGHT FLIGHT"	P	Fly by instruments-hope you can land in one peice.
10	"NIGHT FLIGHTDOCS"	S	This will help you get off the ground and down again.
45	"HORSES"	P	A nice action picture with music.
66	"FORMATE 41"	P	A little more than most formatters-not bad
16	"GRIDLOCK"	P	A small,quiet,slow,gentle game.
28	"TRIANGLE"	P	I used gulf tees in a board,years ago,to work this one
25	"LOAN CALC DELUXE"	P	For those who need to float a loan-may help.
21	"PETMAN"	P	A small,quiet,slow,gentle game.
24	"VIP-DISK-MANAGER"	P	Hope you can use this-has some new stuff in it.
27	"BINGO MOD"	P	Every one likes to play bingo,so go to it.This is a good one.
30	"GRAPH SUBROUT.C3"	P	Not sure about it-you'll have to hack this one out.
27	"THREE TOWERS"	P	Just something to do on a quiet night.
51	"CONC.WORDS.C3"	P	This is a real challenge-just don't give up to soon,you can do it.
19	"54 CHECKERS"	P	Every one knows how to play checkers-I think.
8	"LDR SPACE ARENA"	P	This is an arcade type game-you know what to do with the volume control.
30	"ROX"	P	Arcade type game.
16	"SPACE ARENA"	P	Arcade type game.
25	"HOME RUN-PORT 2"	P	Now you dreamers,you can see if you can realy hit home runs.
20	"TRAP SHOOT"	P	Start out with slow numbers. Then speed it up.
29	"PICK-A-LETTER"	P	Word puzzle.
5	"AND THATS A FACT"	P	Just some basics.
0	BLOCKS FREE		Can't get it to run. Hope you can't. Oops went to far.

## HARD DRIVE

Creative Micro Designs, Inc. have announced in the Feb.1990 Run Magazine three new hard drives for the 64 and 128 computers. They're compatible with most commercial software packages, include built-in GEOS and CP/M compatibility and support all Commodore DOS commands. Partitions of up to 16 megabytes are supported and can be set aside exclusively for GEOS or CP/M use. The HD-20 lists for 599.95. They also have a 40 & 100 Megabyte drives.

## Larry Briggs

In my attempt to buy a new 1084S Monitor for my Amiga, I was told by three stores that the "S" model had trouble with the Flyback transformer and Commodore stopped selling them as of last July. I was informed by two of the vendors that Commodore was reimbursing customers that had had their monitors repaired because of this defect, you should send the receipt to them for the rebate. The vendors were not sure if this was still in effect, so you should contact Commodore for verification. I was also advised that there was not any problem with the 1084 model.



# D.O.M.

for the C128

by Ken Jeffress

```
0 "GCC DOM128 MAR90" KJ 2A
18 "DISK GOODY V5" PRG
1 "===== " USR
2 "CHAR LOADER" PRG
17 "CHR.80" PRG
125 "PHONE FIND" PRG
1 "===== " USR
194 "OFF BASE 128 1.5" PRG
62 "OFFBASE 128 .DOC" SEQ
1 "===== " USR
19 "FIREWORKS 128" PRG
12 "BALL SWING" PRG
28 "PUMPKIN" PRG
4 "SHUTTLE LAUNCH" PRG
3 "SHUTTLE SPRITES" PRG
1 "===== " USR
100 "PERSONAL FIN.128" PRG
1 "===== " USR
61 "EXPAND1764.SEQ" SEQ
1 "===== " USR
5 "SEQ. SYSTEM +" PRG
8 BLOCKS FREE.
```

1. DISK GOODY V5: An excellent 80 COLUMN loader and group of utilities. Does them all well.

2. PHONE FIND: An 80 COLUMN phone book, address book, plus room for comments. I use it all the time. Needs to be copied to its own disk (preferably double-sided). Load "CHAR LOADER".

3. OFF BASE 128 1.5 + DOCS: A very complete and useful 80 COLUMN data base. Kind of general purpose.

4. The next FOUR programs are 40 COLUMN. FIREWORKS 128 must be loaded - ,8,1.

4. PERSONAL FIN.128: An 80 COLUMN home finance organizer, check book also. Highly recommended!

5. EXPAND1764.SEQ.: If you are even slightly skilled in electronics, you can bring your C-128 or C128D up to a full 512K of RAM with the information in this file. NEAT!

6. An 80 COLUMN reader & printer of text files.

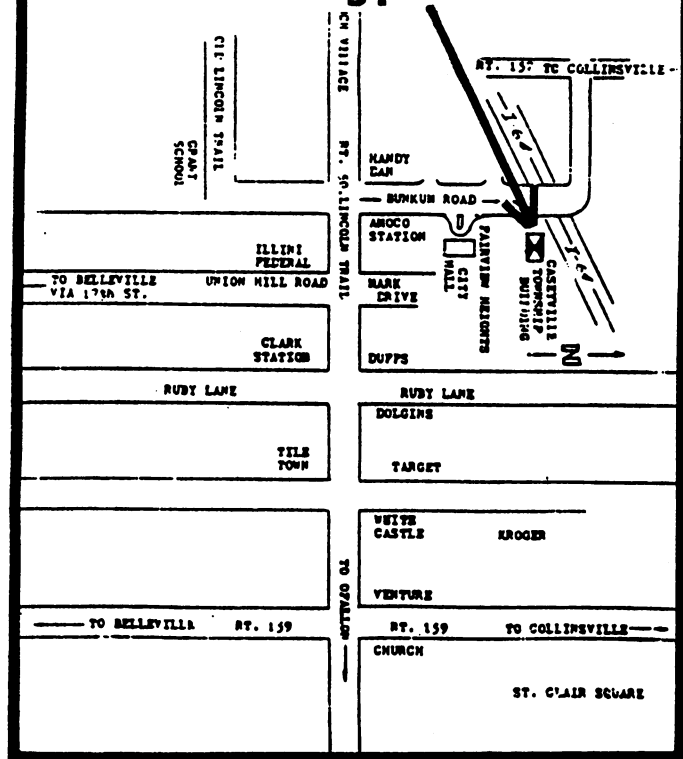
February 22 1990

GATEWAY COMPUTER CLUB

Number List

0001	Koerper, Richard A	Granite City	IL 62040	618-452-5110	A128DPM	0990
0002	Tomlinson, James E.	O'Fallon	IL 62269	618-624-3872	A128DPM	1190
0003	Farley, Mark	Dupo	IL 62239	618-286-5581	64SX64DPM	0690
0004	Hirschman, Marvin	Lebanon	IL 62254	618-277-1485	64DP	1190
0005	Johnson, Sandy	Swansea	IL 62221	618-235-4591	C64PD	0190
0006	Price, Nathan M	Dupo	IL 62239	618-286-3000	64DTP	1290
0007	Lewallen, Gerald D.	Cahokia	IL 62206	618-337-2280	128V64DTPMA	0790
0008	Wening A., John (Tony)	O'Fallon	IL 62269	618-624-5983	128DP	1190
0009	Shaw, Ruth M.	Collinsville	IL 62234	618-344-7589	128DTP	0990
0010	Broda, William L.	Centralia	IL 62801	618-533-0148	64PDM	1090
0011	Briggs, Larry	Collinsville	IL 62234	618-345-0220	A128PD TMx64	1290
0012	Hillyard, Joel A.	Red Bud	IL 62278	618-282-3758	128C64PD	0191
0013	Franklin A. Damon	Centralia	IL 62801	618-249-6427	64DPA	0490
0014	Isbrecht, Kurt	Granite City,	IL 62040	618-877-7292	ADPM	0590
0015	Witter, Gary L.	Scott AFB,	IL 62225	618-746-4044	64DP	0590
0016	Pollock, Ira E.	O'Fallon	IL 62269	618-632-4246	64DTP	0291
0017	Wiles, Lester	Granite City	IL 62040	618-876-1112	C64DP	0590
0018	Welker, Ken	Belleville	IL 62221	618-234-5901	A64PDM	0890
0019	Boone, Walter L.	Fairview Hts.	IL 62208	618-397-5204	64DP	0291
0020	Deutschmann, Daniel	New Baden	IL 62265	618-588-4721	128DTP	0291
0021	Mariles, Carlos B.	O'Fallon	IL 62269	618-624-2563	64-128DP	0290
0022	Hooper, S. Michael	Scott AFB	IL 62225	618-744-0646	64-128DPTM	0690
0023	Fischer, John L.	Fairview Hts.	IL 62208	618-397-4424	64PDT	0390
0024	Truttmann, Everett	Belleville	IL 62221	618-632-4735	C64PDT	0590
0026	Trotter, Charles H.	Belleville	IL 62223	618-398-3220	128DTP	0990
0027	Weber, Thomas	Belleville	IL 62221	618-234-5652	64DP	0291
0028	Bushue, Van	Mt. Vernon	IL 62864	618-242-0379	128DMP	0890
0029	Renaud, Terry M.	Belleville	IL 62223	618-235-5186	C64DP	1290
0030	Macklin, Ray & Corrine	St. Genevieve	Mo 63670	883- -7028	C64DP	0890
0031	Salmons, Emmett	Belleville	IL 62223	618-398-4627	64DP	1190
0033	Koenig, Arthur	Belleville	IL 62220	618-234-3421	64PD	1190
0034	Blackwell, Laura J	Roxana	IL 62084	618-254-1164	C64DP	0191
0035	Wisniewski, Jeremy	Fairview Hts.	IL 62208	618-397-6591	64D	0990
0036	Asperger, Joe	Madison	IL 62060	618-876-2629	128DP	0390
0037	Spears, Mike	East Carondelet,	IL 62240	618-286-0269	128PD	0191
0038	Germann, Lester O.	Millstadt	IL 62260	618-476-1962	64DP	0390
0039	Feigenbutz, Betty	Caseyville	IL 62232	618-398-1034	128DP	0590
0041	McDonald, Tom	Collinsville	IL 62234	618-344-8017	64DP128M	0590
0042	Schmidt, Eula & Ted	O'Fallon	IL 62269	618-632-6358	64DP	0590
0043	Jeffress, Kenneth M.	Belleville	IL 62221	618-234-4113	64-128DP	0690
0044	Welker, Juanita	Belleville	IL 62221	618-234-5901	128DP	0990
0045	Brawley, Virgil	Fairview Hts.	IL 62208	618-398-2968	64DP	0990
0046	Hammond, Jack	Collinsville	IL 62234	618-344-9555	64DPM	0990
0048	Ashbaker, Gerold L.	Pri Du Rocher	IL 62277	618-458-6990	64DP	0990
0050	Adams, Sandra	Caseyville	IL 62232	618-397-2491	128D	0990
0054	Allen, Ray E.	Granite City	IL 62040	618-931-3784	128C64PDT	0590
0060	Krieg, Brad	Belleville	IL 62221	618-234-8211	128DP	0290
0062	Salmons, Earl	Fairview Hts.	IL 62208	618-397-5029	64PD	9999
0070	Koenig, Donald	Belleville	IL 62220	618-235-3267	64PD	0191
0074	Crites, F. Mel	Collinsville	IL 62234-3420	618-345-5097	C64DP	0790
0076	McWhorter, John N.	Belleville	IL 62223	618-277-6935		0990
0080	McClaskey, George/Clara	St. Louis	MO 63137 3814	314-867-6848	64DPM	1090

## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

March 21 1990

7:00 P.M.

### Next Exec. Bd. Meeting:

(At Denny's Restaurant)

MARCH 28 1990 7:00 P.M.

### Next Copy Session:

At any regular meeting

### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
P.O. Box 1839  
Fairview Heights, IL 62208



Volume 7

March 1990

Number 3

**Check your dues date!**

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

April 1998

Number 4

## View From The Top

by President Juanita Welker

At the March meeting I talked about our attending the computer fair in Cedar Rapids. At that fair I picked up various literature on computer products and software. I failed to have this information at the March meeting so I will have it available at the April meeting. I was impressed with the fair and manner of presentation of the various products and clubs. It was a very well put together affair. Some of the information I obtained is on a program called Family Tree, information on the Amiga, and a catalog of public domain and shareware programs.

Have you ever purchased a program or piece of equipment only to find that it wasn't what you wanted. Maybe the documentation was difficult to follow or just plain incomplete. Many of you know what I am refer to. It's the pits trying to wade through some of the documentation that comes with some of these programs. Maybe the equipment you purchased was suppose to function a certain way and when you got everything put together it just sat there and stared back at you and did nothing. At the April meeting we are going to have a round table discussion on what we like and what we don't like and what problems we have had with software and/or equipment. If you have had a problem with equipment or software we would like to know about it. If you use a program that you think is great we want to hear about that too. We will be talking about what equipment we all have and what our interest are.

By the time this article appears in the newsletter, I will, along with other members of the board have attended a meeting in connection with Fairview Heights Art Fair slated for September or October. Hopefully it will provide a money making project for our club. I will have more information available at the April regular meeting.

The May meeting is to feature Spreadsheet programs. I have not had occasion to use this type of program so I need some help for a demo at this meeting. Any volunteers????

# Reports

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## Bits & Chips

Please direct all submissions and advertising to Editor Larry Briggs, 1021 Lafayette Ct. Collinsville, IL 62234. Camera ready advertising must be received by the first of the month to be included in the issue of the month. Rates are as follows: Full page- \$15.00, Half page- \$7.50, Quarter page- \$3.75, and business card -\$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## The Officers

PRES: Juanita Welker.....234-5981  
VP: Earl Salmons.....397-5829  
SEC: Bertha Koerper.....452-5118  
TRES: Ken Welker.....234-5981  
LIBR: Everett Truttmann...632-4735  
EDITOR: Larry Briggs.....345-8228  
MPL: Bill Broda.....533-8148  
Mal: Ken Jeffress.....234-4113  
MPL: Rich Koerper.....452-5118  
MPL: Jim Tomlinson.....624-3872

## Treasure's Report

By Ken Welker  
BALANCE MAR. 1, 1990. \$1145.58

I	
N	D.O.M. SALES.....\$ 187.58
C	BLANK DISKS.....\$ 124.88
O	MEMBERSHIP.....\$ 68.88
M	58/58.....\$ 8.88
E	SODA.....\$ 3.98

MAR. INCOME.....\$383.48

E	BLANKDISKS.....\$368.28
X	SOFTWARE.....\$ 34.99
P	NEWS LETTER.....\$ 62.25
E	POSTAGE.....\$ 18.88
N	MISC. SUPPLIES.....\$ 1.77
S	SODA.....\$ 8.93
E	BASEBALL TICKETS....\$215.58
S	

MARCH. EXPENSES.....\$693.64

CURRENT BALANCE.....\$755.34  
AS OF APRIL 1, 1990

# Editor's View

by Larry Briggs

Elsewhere in this issue, you will find an article from The HARDCOPY newsletter from the COMMODORE CLUB of ROCKFORD, written by Jack Blewitt explaining the merits of the 1581 disk drive for the C64/128 computers. You may find it interesting if you have a 1581 or plan to buy one.

Now for my experience in purchasing a hard drive for my AMIGA. This was back in July when there was a shortage of memory chips, and the price was high when they were available. I purchased the 45 Meg SUPRA drive with 2 Meg of memory installed by SUPRA, at Systems Plus in St. Louis, Mo. The instructions for the hookup were good and easy to follow, the drive however, was not formatted to my satisfaction, so I tried to reformat it. Something went wrong and the computer could not find the SCSI interface, so I had to return the unit to Software Systems. They sent it back to SUPRA. The unit was replaced at no charge in about 10 days. I do not know if I caused the problem or if the unit was defective, but I do know that both Software Systems and Supra are good people to deal with.

I have had the drive up and running since then and wonder how I got along without it. No more searching for a program, just boot up and there are all the programs on the screen to choose from. They load so much faster than the Amiga built in drive, saving a file is almost instantaneous, so fast you have to watch the busy light on the hard drive to be sure that the file was saved. I must admit that this unit was not cheap, I had to cut down on my food bill to pay for it, you must have noticed that I have lost 40 lbs. Just kidding, my wife puts me on a diet.

**KEYBOARD:** That's the board that holds the rest of the house up.

## OVERVIEW

By Juanita Welker

If you own a 64 or 128, you need to have a subscription to Run magazine. I have found it to be the best of the 64/128 publications.

The column MAGIC by Tim Walsh is excellent. Readers send in programming tips and/or hardware modifications. Mail Run, which features letters from readers. Software Gallery by Beth S. Jala features articles on software and even rates them for you. In the March issue there is an excellent article entitled, "Sailing the Commodore Seas" by Ellen Rule. It is very good reading. This magazine also has programs you can enter on your computer. It devotes space to the 128 computer. There is a good article on 128 Mode. It also has game tips. While Compute Gazette, is a good magazine, if I had to choose, I would go with Run Magazine.

## Who Says?

...that you can't list a directory from the 64's immediate mode without overwriting the program in BASIC memory? Try this one

```
POKE 44,PEEK(46)=1:LOAD*,8  
LIST
```

...that you can't read a SEQ file from the immediate mode? Try this:

```
OPEN 8,2,8,"Filename" for N=1 to 99999:SYS 43906 #2.A$:  
PRINT A$;:IF ST=) THEN NEXT
```

...that you can't recover a BASIC program without a special program once you've NEWed it from memory? Try this one:

```
POKE 2050,1:SSYS 42291:  
POKE 45,PEEK(34):POKE 46,  
PEEK(35):CLR
```

...that you can't read the 1541 disk drive's error channel from the 64's immediate mode? Try this one:

```
OPEN 15,8,15: For N=1 to 1040:  
SYS 43906 & 15,A$: Print A$  
IF ST=0 THEN NEXT
```

(Editor's note: The preceding tips are from the SYSTEM 64 column of the USER LINK newsletter)

# Secretary's Report

by Bertha Koerper

GATEWAY COMPUTER CLUB MEETING FROM  
MARCH 21, 1990

The meeting was brought to order at 7:10 p.m. by President Juanita Welker. All board members were present. The minutes from the February meeting were read by Secretary Bertha Koerper. The treasure's report was read by Treasurer Ken Welker and accepted. Librarian/Membership chairman Everett Truttmann announced the club at present has 52 members. Under old business, it was announced that a sign up sheet was available for members who are planning to attend the baseball game in June. The program, Word Writer IV, was purchased by the club to be used exclusively by club members at the meetings. This program will go up on public auction later this year. Under new business, it was brought to the clubs attention that a few of the club members attended a Computer fair in Iowa this past month. There were booths held by computer clubs (64/128, Amiga, IBM, etc.) as well as dealers and businesses from the area. The members who attended were very impressed. New software as well as public domain programs were available for sale at this fair. It was the consensus of the club members that this may be something worth while looking into for our club to sponsor/cosponsor sometime in the near future (September/October) of this year.

Continued on page 5

## Gateway Computer Club Membership/Renewal Form

Date \_\_\_\_\_ No. \_\_\_\_\_

NAME: \_\_\_\_\_

COMPUTER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

DISK DRIVE: \_\_\_\_\_

CITY: \_\_\_\_\_

MONITOR OR TV: \_\_\_\_\_

STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PRINTER: \_\_\_\_\_

HOME PHONE NO.: \_\_\_\_\_

MODEM: \_\_\_\_\_

DUES PAID: \$ \_\_\_\_\_

OTHER: \_\_\_\_\_

## COPYRIGHT CONSENT

By signing this form and joining the Gateway Computer Club, I hereby agree and consent to abide by the constitution and bylaws of the GCC and the rules concerning copyrighted software and shall not copy such software at any club function.

Signature: \_\_\_\_\_

# D.O.M.

for the C128

by Ken Jeffress

"GCC DOM128 APR90" JK 2A

COMPILED & EDITED BY KEN JEFFRESS

12 "MENU 128 / RUN" P 7	"HACKEM PATCH" P 53	"FREIGHT TRAIN" P 1	"-----" U 18	"SD CREATOR 128" P
88 "DATAFILE4.8.3-80" P 1	"-----" U 17	"TRAIN GRAPH" P 110	"STARFIGHTER128" P 12	"CALCULART.40" P
5 "128 DAPI.DOC" S 11	"C128 AUTOBOOT-40" P 2	"TRAIN SIGNALS" P 47	"THE BIBLE" P 7	BLOCKS FREE.
1 "-----" U 32	"AUTO.PIC" P 1	"-----" U 25	"TENPIN LEDGER" P	
9 "LOTTERY-36NUMBER" P 5	"AUTO.COL" P 63	"HURICANE TRACK40" P 17	"ALBUM LISTER V1" P	
14 "VHS LABEL MAKER80" P 1	"-----" U 5	"HUR-TEST" S 100	"PERSONAL FIN.128" P	

1. DATAFILE4.8.3-80 = A deluxe well documented database customize it to your own needs.
2. LOTTERY-36NUMBER = Picks lottery numbers-40 col.
3. VHS LABEL MAKER80 = VHS label printer 3 lines 80 col.
4. HACKEM PATCH = Makes Fast Hackem work on a 128D or a 128 with modified chips or 1571 with modified chip (repeat)
5. C128 AUTOBOOT-40 = Will make most of your 128 disks load automatically. (not this one)-40 col.
6. FREIGHT TRAIN = The whole world passes the patient man's door-40 col.
7. HURICANE TRACK40 = Track hurricanes, has map, save, print etc.-40 col. (will not load from menu)
8. STARFIGHTER128 = NEW 80 col. game-very good graphics
9. THE BIBLE = The Gospel according to Jeffsan!-40 col.
10. TENPIN LEDGER = For all you scratch bowlers-80 col.
11. ALBUM LISTER V1 = List, save, print all your records-40
12. PERSONAL FIN.128 = 80 col. very well done-professional!
13. SD CREATOR 128 = For 1581 users only!!!
14. CALCULART.40 = 40 col. graphics, fascinating.

FINIS

## Secretary Report from page 4

In October, Fairview Heights is having an art fair in which a booth may be reserved for the purpose of a money making project. A meeting will be held at the City Hall on April 5 to discuss the details of this fair. President Welker volunteered to attend the meeting and report back to the club with information and the possibilities of the clubs participation in the money maker. It was announced that next months meeting will be a round table meeting. So, everyone bring your questions, answers, experiences, good and bad to the meeting. A motion was made and seconded to find some SX64

computers for the club to purchase and use at the meetings. Some of the members thought with the funds being so low it would be a better idea to buy a couple of T.V.s' to use our Rabbit with instead of purchasing a SX64. It was voted on not to purchase the SX64 and further discussion will take place in the future on the purchase of T.V.s'. Earl Salmons is going to check into the availability of the Senior Citizens hall as a place for the club to hold a copy session. After a short break, President Welker demonstrated the new program the club purchased. The 50/50 drawing was won by Earl Salmons for the amount of \$8.00, and the meeting was adjourned at 8:15 p.m.



## THE AMIGA DISK OF THE MONTH

**FILESYS\_LOOK** - This little gem will tell you whether a disk is loaded or not and what type of file system it is loaded from.

An example would be "FS WORKBENCH1.3" would produce a message saying the disk is mounted or ejected. For a hard-drive under FFS, this utility will tell you it is using FFS and it is a mounted hard-drive.

**GURU\_CODES** - If you are like I am, you are frustrated with that occasional flashing red message box at the top of your screen. What makes it even more frustrating is not knowing what the heck it means! Well, this little program is the lifesaver you have been looking for. Simply write the number down when you get it and run this program after you reboot from CLI. Enter "guru #####" and this program will tell you who gave the error and the likely cause(the number is the FIRST half).

**MINIMANDLEBROT** - A small mandelbrot generator written in BASIC. Load and run from AMIGABASIC.

**MUCHMORE** - As file viewers go, this is in my opinion perhaps the BEST and has all the bells and whistles.

**NX1000\_COLOR\_DRV** - Under this directory is both a lo-res and a high-res color driver for the STAR NX1000. You should copy these to your workbench disk to the same place that your other printer drivers are.(DEVS/PRINTERS)

**PCOPY** - This is more of a utility for someone needing to copy a lot of disks that have no protection. It has a nice user interface but does no error detection.

**PKAZIP** - People have been wanting to get the most for their money when using a modem for as long as there have been modems. One of the best ways is to conglomerate a bunch of like files into a single file and then crunch that file as small as possible. This program uses a good formula for crunching the file and getting the most "bang for you buck". It features a fairly easy workbench interface that lets you choose what you put into the file as well as what you take out.

**SCRIPIT** - If you have a lot of tasks to do and you repeat those tasks alot, you need this program. Scriptit will allow you to make multi-command scripts that get executed with a single command. The package includes several document files outlining how to take advantage of it's abilities.

**TXT2EXE** - Another useful utility along the same lines as SCRIPIT, this program will make a batch file executable. A small document file is included.

**VLT4P328.ZOO** - This is an upgrade to a previously released terminal program called VLT.

# D.O.M.

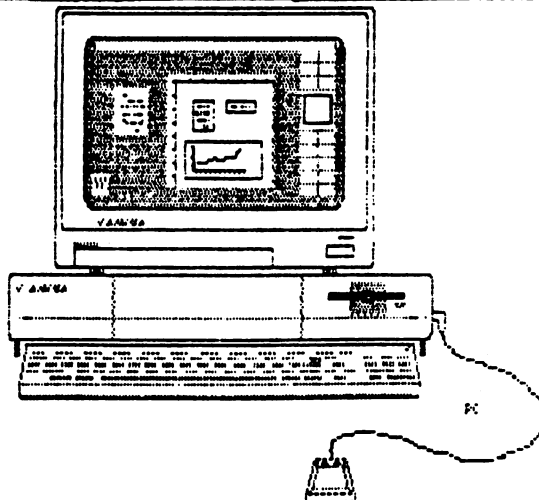
for the C64  
by Everett Truttmann

2 "BOOT ALL",8,1 P Loads directory.  
7 "SMILE DARN YOU" P I sure hope you do.  
20 "DIRECTORY MAGIC" P A good program to alter you'r directory.  
1 ----- S  
1 "BOOT",8,1 P This is a good VCR cataloge program; it gives  
you a print out by each tape or by alpha.  
1 ----- S  
14 "BALL CLOCK" P Set the right time and watch the balls change  
the time.  
19 "SOFTWARE PIRATES" P A small game that will be a time consumer.  
12 "DOTS" P Another small game that will help pass the  
time.  
70 "BASIC TUTOR 1" P This will help teach you basic. No 2 will be  
next month.  
43 "FKEYCRIBSHEET" P F KEY CRIB SHEET-makes key board overlay for  
the f keys.  
1 "CUPID LOADER" P A game-be carefuf with you'r heart,you may  
loose it.  
9 "DEFLECTION" P Just a pastime game.  
12 "MIND BOGGLER" P Move the blocks to spell Commodore,this is a  
challenge.  
41 "SIMPLE SENTENCES" P Educational-how to use the correct words at the  
right time.  
64 "COMPOUND SENTENCE" P Dido.As above.  
74 "RELAX" P Bet you can't stay awake.  
5 "MATH CALULATOR" P Educational-Will give the answer to most math  
problems.  
12 "SMOKER JOE" P Just for my friends,if I have any. I hope so.  
22 "ALPHA SCRAMBLE" P Educational-For those who are just learning the  
alphabet.  
18 "MR.ED IS DEAD" p Just an action picture.  
18 "MISSION TO MARS" P Another action picture.  
20 "REMEMBER IT" P A game. This is a mind sharpening challenge.  
46 "Byts & bites-Another aide to proگرامing,may help.  
20 "SAVE WITH REPLACE" P This should clear you'r minds about an age old  
worry.  
11 "KISS A BUG" P This is all so for my friends.  
6 "AN THAT'S A FACT" P For sure. *Thank you. Everett.*

## New G.C.C. Member

One new member has been added to the ranks of the Gateway Computer Club at the March meeting. He is Dick Worley of Dupo Il.

A warm welcome goes to the newest member of the GCC Club. All members are free to call any of the officers or other member for help with their computer problems.



# CATALINA COMMODORE COMPUTER CLUB (CCCC Inc.)

Page 88 -- MAR. '87

## COMPUTER PROGRAMS AND VCR'S

by Marty Weller, HUG  
via Comm'putoy Cult

It was getting late one evening and I had spent several hours poring over the composition of a GEOS geopaint demo scheduled for a future club meeting. I wondered if this or that would be helpful and, as my thoughts roamed around in my brain, I considered what it might look like. "If I could record it, I could play it back and see if it was satisfactory..." I thought. Now I reasoned that if I had used my VCR to record video and audio from TV and a video camera -- why not from my computer as well...?

The gears of my mind turned and (after the smoke cleared) I considered the possibilities. There began to formulate a method by which I could do this. I considered it quite possible to set up my video camera and focus on the monitor and record whatever I communicated to it from the computer, but this left a little to be desired in picture composition and lighting requirements. I then supposed that I could connect the VCR between the computer and monitor, just as you do for TV recordings.

Well, needless to say, I connected the computer cable to the VCR and used a (shielded) twin lead jumper from the VCR to the monitor and fired it all up!!!

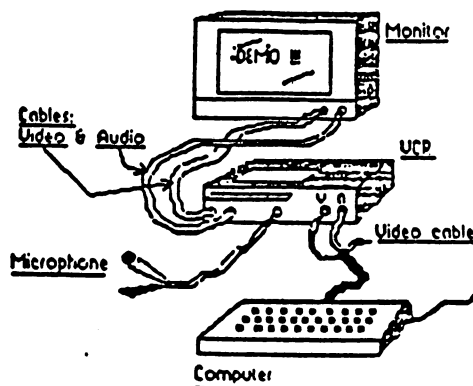
## NOTICE

The tickets for the Cardinal baseball game are ready to be purchased at the next general meeting. The seats are in the Loge section, down the third base line, looking back toward the home base. The price for each ticket is \$8.50. The game will be against Montreal., June 17th, For those of you that do not want to drive your own car, may take public bus service that leave from the Famous Barr parking lot in Fairview Heights, also from the Schnucks parking lot in Collinsville, Please check with the bus co. for times of departure.

ADM: Nickname for Remus's brother.

RAM: What my wife does to other cars in parking lots.

CHIP: Something that makes my dentist wealthy when he fixes it.



Well, let me tell you, the results were very interesting and encouraging!!!

It is reasonable to assume that each individual use of such a combination will probably entail certain techniques unique to the particular application. I'll detail the specific application I had and try to provide general considerations so you can try it if you so desire.

My system is comprised of a 1702 monitor (Commodore), a C-64 computer, 1541 drive, a VCR manufactured by Hitachi, a microphone from a tape recorder and appropriate wires. (I also use a Gemini 10x printer.) The VCR has video in and out jacks, audio in and out jacks, and a microphone jack. The monitor cable from the computer was connected to the video and audio "in" jacks. (Red [video] to video "in" and White [audio] to audio "in" -- with the yellow [luma] plug left unplugged.) Two cables were connected to the video and audio outlets on the VCR and were extended to the video and audio jacks on the front of the 1702 monitor. (The toggle switch was switched to accept the front video and audio inputs.) A mic was then connected to the VCR mic jack for voice input as desired. If you have access to a February '87 Family Computing magazine, look on page 25 for an article about this very thing.

With this configuration the VCR and computer system was turned ON. (Be sure to turn the volume down on the monitor to prevent "feedback" while recording.) Assume your regular techniques to activate the computer system and, when recording is desired, activate the VCR play/record as you'd do for a TV recording. I usually activate "pause" first, so I can key the recording on and off by "pause" switching, which makes for "clean" interrupts on video tape. When you finish, stop recording, rewind and play back your masterpiece right into the monitor!!

All of this adds up to the possibility of unlimited use of VCR recordings to make demos for club use or personal instruction. A club might even start a "Video" library of instructional (tutorial) tapes. One can pass video tapes around as visual letters that can have both computer inputs and regular video inputs. The composition of such combinations is limited only by your imagination! So give it a try. You just might like it!!

# CUPID'S CORNER

COMMODORE USER'S PUBLIC INFORMATION DISCOURSE . . . BY JACK BLEHITT

## CALL IT "MISTER WONDERFUL !"

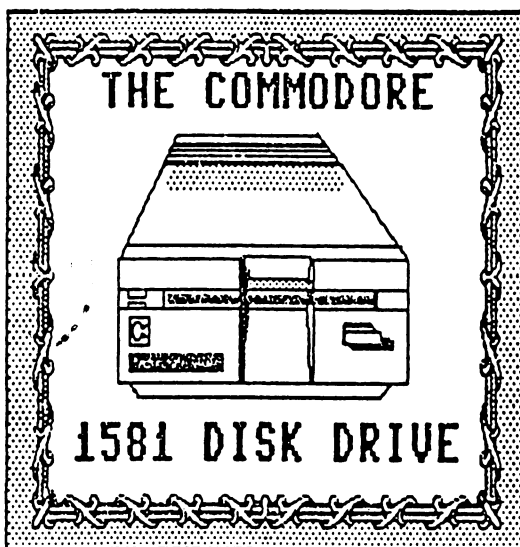
Some call it, "an Orphan"; others call it, "a Missfit"; but I call it, "Mr. Wonderful"! That's what I think of my recently acquired *COMMODORE* 1581 Disk Drive. I don't know how I got along without it! For anyone who works with graphics to any extent, it is a "must" piece of hardware.

Can you imagine having your *GEOS* Boot Disk, *GEOWrite*, *GEOSpell*, all your graphics all on one disk and still having over 500 blocks open as a work disk? This is how it is with the 1581. Even with dual 1541's, there never was enough work space to create a document without a half-dozen disk swaps. Now the second drive is just an additional luxury.

The thing that really made this happen was the *Maverick V3* program from Software Support. They devised a way to place *GEOS 2.0* Boot programs onto the 1581 drive, provided you have an Original *GEOS* disk. Now there is even room left over for *GEOPublish!* In the past, I considered this a worthless program due to excessive disk swapping. Additionally, *PaperClip Publishing* and *Fungraphics* are also much easier to use without running out of disk space.

Another "Great!" about the 1581 is its ability to create and use 'partitions'. On one 3 1/2" disk, it is possible to store all four sides of a volume of *Loadstar*, and still have enough space left over for copy/utility files. It's not too much trouble to call up partitions if you set up the function keys. I am currently working on a program that will do this with ease, including the initial formatting.

Partitions are actually small, protected, directories within the master (ROOT) directory. They appear on the ROOT directory as "CBM" files, instead of "PGM" or "SEQ" files. Since the first track of each partition has its own Block Availability Map (BAM) and directory, they are relatively safe from being overwritten. When a *VALIDATE* command is given on the ROOT directory, all "CBM" partitions are skipped over. It is excellent for storing random access and *BOOT* files.



To use partitions, they must be: Created; Formatted; then *LOADed!* You can only reach the partition area by first accessing the ROOT and working you way down the chain, (if necessary). It's a little more work than formatting a 1541, but the results are worth it. There are a few restrictions to partitions listed in the manual, but they are minor. Just remember to leave one extra track open for the BAM and Sub-Directory.

The utilities that come with the 1581 are excellent. The Back-Up program beats the one you get with *Maverick V4*, but the File Copy program is not as versatile. *COPY81* from *Compute's Gazette* is good also. I'd like to hear from others who may have found good 1581 utilities.

This unit comes "Highly Recommended". If buying a second-hand unit, it is suggested you check for the newer WD1772 chip installation first. The old WD1770, which had been designed for the 1571 drive, had problems when used with the 1581 disk drive. The club has a program to check this.



# Bits & Chips

of the Gateway Computer Club

Volume 7

May 1990

Number 5

## View From The Top

by President Juanita Welker

The weather has turned warm and I am an outdoor person this time of the year. It is very difficult to stay indoors and work with the Amiga. Its a great computer but not as great as being outside enjoying the weather.

We will put the final touches on gathering a committee to work on the various problems associated with our booth for the Fairview Heights Art Fair. This will be an interesting and hopefully profitable affair for our club. We will need the help of all of our members if this is going to succeed. At the next meeting we will have a sign up sheet for those members that are willing to spend two to four hours with us.

It looks as if this year could be a very busy year for us. We have also been asked to have a booth at the Viet Nam Veterans Tribute 90. We would demonstrate our computers for the public attending the Tribute. I will have more information at the next regular meeting.

We have a tentative copy session date of either 7/21/90 or 7/28/90 set up. Sorry I cannot be more specific but we cannot reserve the place to have it more that 60 days in advance of our scheduled date. This copy session will be an all day affair.

Hey everybody, we still have ball tickets available for the June 17th game. Its a Sunday afternoon game. I would like to have the tickets paid at the May meeting.

The round table discussion in April was interesting. I found out that there is a program for the 64 that will print out on a

sheet or paper the important events that happened on your birthday. I have not seen this program so I asked that it be brought to the next meeting so we can take a look at it. Something like that would be interesting. Maybe we could provide copies to the public at our demo booth (that is if we decide to become involved).

I am still looking for a volunteer to demonstrate a spread sheet at the may meeting. Any Takers???

The June meeting will have games featured. Where do I start-there are so many games available for the 64-128-and Amiga that it is very difficult to choose which one I like the best. I can tell you one thing though I personally do not like adventure games. I am sure that a lot of our members do like them. I like mindless games. You know, the kind that you don't have to think too much when you play them! I am sure that you all will agree that which ever computer you have it is a much better investment that a "game machine". Not only do you get to choose from a much larger variety of games, you can also use your computer and run all of the productivity software available.

I would like to thank everyone who participated in our April round table discussion. We all might try to talk to someone we have seen but just haven't met at one of the meetings. Who knows you just might find someone with similar interests.

# Reports

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## Bits & Chips

Please direct all submissions and advertising to Editor Larry Briggs, 1021 Lafayette Ct. Collinsville, IL 62234. Camera ready advertising must be received by the first of the month to be included in the issue of the month. Rates are as follows: Full page- \$15.00, Half page- \$7.50, Quarter page- \$3.75, and business card -\$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## THE OFFICERS

PRES: Juanita Welker.....234-5901  
VP: Earl Salmons.....397-5029  
SEC: Bertha Koerper.....452-5110  
TRES: Ken Welker.....234-5901  
LIBR: Everett Truttmann...632-4735  
EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasure's Report

By Ken Welker

BALANCE APR. 1, 1998 \$ 755.34

I  
N D.O.M. SALES.....\$ 77.88  
C BLANK DISKS.....\$ 161.50  
O  
M 50/50.....\$ 12.88  
E SODA.....\$ 4.37

APRIL INCOME.....\$ 254.87

E  
X  
P NEWS LETTER.....\$ 51.18  
N COMM-TECH.....\$ 15.88  
E POSTAGE.....\$ 10.88  
N  
S  
E  
S

APRIL EXPENSES.....\$ 76.18

CURRENT BALANCE.....\$934.11  
AS OF MAY 1, 1998

# Editor's View

by Larry Briggs

Finally, I have succeeded in my quest to prepare the Bits & Chips newsletter with PageStream a desktop publishing program on my Amiga. I have not yet completed the whole newsletter, but I am close. You will find that five pages of the May issue have been compiled using the computer, using PageStream and printing it out on a 24 pin KX-P1124 Panasonic printer, and I find that it rivals results that can be had on a Laser printer. I will continue to strive to the point that it will be 100% computer generated. I have been so busy learning how to use

PageStream that I have not been able to include any graphics in the letter, except the picture of the trackball in Scott Moats article, that was a paste up, and also the financial report. The back page is from the old newsletter, I'm working on it.

I must reiterate, I need articles from the membership to keep the letter interesting. Please help.

## FOR SALE

### Commodore

Sx 64 Computer, Like New. Some software, disks, and disk holder \$295.00

Call Larry at 345-0220

Can bring to next general meeting.

## Gateway Computer Club Membership/Renewal Form

Date \_\_\_\_\_ No. \_\_\_\_\_

Name \_\_\_\_\_

Computer \_\_\_\_\_

Address: \_\_\_\_\_

Disk Drive: \_\_\_\_\_

City: \_\_\_\_\_

Monitor Or TV: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_

Printer: \_\_\_\_\_

Home Phone No.: \_\_\_\_\_

Modem: \_\_\_\_\_

Dues Paid: \$ \_\_\_\_\_

Other: \_\_\_\_\_

## COPYRIGHT CONSENT

By signing this form and joining the Gateway Computer Club, I hereby agree and consent to abide by the constitution and bylaws of the GCC and the rules concerning copyrighted software and shall not copy such software at any club function.

Signature: \_\_\_\_\_



# D.O.M.

for the C128  
by Ken Jeffress

"GCC DOM 128 MAY90" KJ 2A

Compiled by Ken Jeffress

1. **OUTLINE: 128:** Helps build and organize an outline for a speech, term paper, novel, etc. = 80 column.
2. **STATS:** Keeps all your baseball stats, team & individuel.. = 80 column.
3. **DAILY DIARY:** Very complete diary, appointments and its own calendar system for any year.  
= 40 & 80 column.
4. **ASTRO-CALC.80:** All kinds of Astronomy & Planet info. = 80 column.
5. **INTRO TO PHYSICS:** First of a series. Use NO SCROLL to read at leisure. Very deep! = 40 column.
6. **SPANISH:** Learn spanish; verbs, nouns phrases. = 80 Column.

## Secretary's Report by Bertha Koerper

### GATEWAY COMPUTER CLUB MEETING FROM APRIL 18, 1990

The meeting was brought to order at 7:08 p.m. by President Juanita Welker. All board members were present. The minutes from the March meeting were read by Secretary Bertha Koerper and accepted as read. The treasurer's report was read by Treasurer Ken Welker and also accepted as read. Librarian/Membership chairman Everett Truttmann announced the club was holding with 52 members. Editor Larry Briggs announced he took the club's 1001 disk drive in to be repaired. There was a \$15.00 service fee and Larry was told the drive could not be repaired. Discussion took place on what to do with the disk drive but a final decision could not be made. This topic will be discussed further at the board meeting. Under old business President Welker announced she signed the club up to operate a booth at the Fairview Heights Art Fair on September 22nd and 23rd. Our booth will be selling nachos. Bertha and Dick Koerper volunteered to check on prices for nachos, cheese sauce, bowls, etc. The question of taxes was brought up and President Welker will check into this. Club member Dick Worley suggested that the club check into the availability of having a program that will take a persons birth date and give them price information on items at the time of there birth. President Welker will also check into this. Dick

also said he has a button maker he will let the club borrow to use at the Art Fair. The club members were asked if they are willing to work at the Fair and the majority are willing to do their fair share. A motion was made and accepted to participate at the Fair. Earl Salmons said the Senior Citizens hall can be used for a copy session on Saturdays. There are no available dates until June or July. Reservations are only taken 60 days prior to the date requested. Earl is going to ask the July 21st or 28th. The Computer Fair was discussed and in order to do a worthwhile job the planning is going to take at least a year. Plans for a 1991 Fair are now being worked on. Updates will follow periodically throughout the year. Jerry Ashbaker as a member of the Metro east Vietnam Veterans of American, Chapter 309, asked the club to man a computer booth with a Commodore 64, 128, and an Amiga at their fair which will be held on August 25th and 26th. This will be discussed at the board meeting. Jerry also asked for volunteers to type in pertinent information on K.I.A.'s from Illinois for a catalog his club is trying to put together. He will collect all the information and bring it to next months meeting. A short break was taken and then a round table question and answer session took place. The 50/50 was won by Dick Worley. The meeting was then adjourned at 8:45 p.m.

# D.O.M. for the AMIGA

by jim Tomlinson

## AMIGA DISK OF THE MONTH

**BOOMERANG** - A fast-paced two player game. Can you hit your opponent before he hits you? Two joysticks are required.

**BALLBENCH** - A sight and sound hilarity! A man and woman battle it out PONG style, but they have no arms, legs or body. How long can they keep this up? Right in the mush Alice!

**HAMBENCH** - This will take almost any HAM mode picture and put it in the background of your workbench. The effect looks nice and is easily cancelled. Extensive documentation is provided.

**DRIPGAME** - If you like PACMAN, you'll love this new twist on the old game. I always knew that pacman was all washed up!

**NAMEBASE** - Here is a really nice address book style database manager.

**MD** - This is MEMDIAG; a complete memory tester and evaluator. Along with it's companion program MQ(memory quarantine), most memory problems can be isolated and solved.

**TTT** - Here is 3D tic tac toe for your AMIGA. This seems to be a good implementation.

**X\_SPELL** - At last, a shareware spell checker that is USABLE! It features a 1000 word dictionary that can easily be expanded. As you go along, any new word is prompted back to you so you can add it to the dictionary. An expanded version with many other features and a 40,000 word dictionary is available for a nominal fee.

## NOTICE NOTICE

### Surge Suppressor Recall

downloaded from Q Link

General Electric is recalling about 45,000 G.E. and RCA brand electric surge suppressors that could present a shock hazard. A defect in some of the units could allow the unit's metal housings, and the metal housings of the connected appliances to become electrified, thereby creating the potential for shock.

These units were sold nationally between October 1986 and December 1987. Involved are G.E. surge suppressors models EPC-65, EPC-4NS, and EPC-CPU,

as well as RCA models SK416 and SKF416.

Check out your equipment at home, office, school, etc. If you are an owner, it is recommended that the units be disconnected from the outlets WITHOUT touching the metal housing.

Units can be mailed to:

General Electric

ATT;EPC RECALL

PO Box 8203

Beavertown, Oregon 97076

Additional info from 1-800-626-2000

Reprint from the April 1990 issue of the POWER PACC, Phoenix Arizona Commodore Club.

# D.O.M.

for the C64

by Everett Truttmann

May 1990 GCC 64 DOM

- |    |                   |       |   |
|----|-------------------|-------|---|
| 9  | "Menu             | " PRG | Load"menu",8,1- or each program by file names.                                      |
| 7  | "SMILE DARN YOU   | " PRG | Please do.  |
| 67 | "BASIC TUTOR #2   | " PRG | #3 next Month.  |
| 10 | "POSTAGE SCALE    | " PRG | Tells how much postage needed on letters. Can be altered to .30 cents when need be. |
| 43 | "DISKENVELOPER    | " PRG | Makes & prints directory on disk envelopes.   |
| 5  | "SALMON RUN       | " PRG | Game-For fishermen. see how many you can catch.                                     |
| 15 | "BASIC COMPACTOR  | " PRG | Utility-Something programers can use, I think.                                      |
| 31 | "ANNOTATED MENU   | " PRG | Utility -to add info to directorys like this print out you are looking at.          |
| 75 | "CRAZY COMMANDO   | " PRG | Game-Not too bad, worth one try.  |
| 25 | "SPEEDSCRIPT      | " PRG | Word writer-for those that need one.  |
| 28 | "PRINT-SORT       | " PRG | To alpha & print titles of records, books, tapes, video, etc. Can be saved to disk. |
| 8  | "MASTER CODE      | " PRG | GAME.   |
| 12 | "TOASTER GAME     | " PRG | GAME-you need to be fast for this one.  |
| 46 | "ASSEMBLER/EDITOR | " PRG | Utility- Something for programmers.   |
| 15 | "DOSPLUS          | " PRG | Utility   |
| 30 | "GRAPH SUBROUTINE | " PRG | Utility   |
| 14 | "SUNRISE/SUNSET   | " PRG | Tells when it goes anywhere, the sun of course.                                     |
| 10 | "MORISE CODE      | " PRG | You may need to send an SOS someday. Never know.                                    |
| 72 | "ALPADOT          | " PRG | Game  |
| 10 | "MINDBUSTER       | " PRG | Game-Tough, but good.   |
| 8  | "MATH WHIZ        | " PRG | Educational.  |
| 3  | "MINUTE LOADER    | " PRG | Music-Loads the minute waltz.   |
| 3  | "THUNDER LOADER   | " PRG | Music-Loads the thunder. This will keep you awake                                   |
| 5  | "FINIS            | " PRG | The end.  |
- 2 BLOCKS FREE.

# Mouse versus Trackball by Scott Moats

I recently had to retire my mouse from the laboratory. I remember a time when it could run a maze in no time flat, it's ears flapping all the while. Yet, as time passed, it slowed to a snails pace, and even with a little push now and then, it couldn't move very well. Oh, the problem of selecting a replacement.

The problems developed slowly, but eventually become more of a nuisance than I could tolerate. The tiny plastic gears in the mouse became worn to a point that when the ball was rolled, the arrow on the screen didn't move smoothly. Also, it became necessary to take it apart and clean it more often. The buttons, both left and right, got to a point where they didn't make good contact. Sometimes I would have to push the left button two or three times to make a selection. Likewise, I would hold the right button down and drag through a menu and it would lose contact and select a choice without me letting go of the button.

Then, there were the ever present problems of having to grab the mouse in order to use it and then running out of desk space right in the middle of a run. So when I finally convinced myself to find a replacement, I started looking the market over.

Another Commodore mouse was out of the question. Because of the price, a tailless mouse and a laser light mouse were also out of the question. That left me with the choice of getting another roller mouse or a trackball, which I didn't know much about. After a little reading, and playing with a trackball on an Apple Macintosh, I bought a trackball.

I decided on the AmTRAC Speedball trackball from Microspeed. It sells for

around \$65.00, a price comparable to that of a good roller mouse. I chose the AmTRAC because it looked similar to the one I used on the Apple Macintosh and I heard good things about it from the dealers I talked to.

The first couple times I used it, it was a little awkward, however I soon got used to it. Now, I don't think I'll ever go back to a mouse. I quickly developed enough skill to use it just as good, if not better, than a

mouse. Plus, there's an added benefit to the trackball- a third button. There is a right button, a left button and a middle button. The middle button works like a shift lock, or a cap lock, but it's a right mouse button lock. So, to use the pull down menus, you can do it like you would with the mouse, or you can click the middle button once, roll to your menu choice, then press any of the three buttons to make a selection. This has

turned out to be a very useful feature. In fact, the trackball itself has turned out to be a useful feature. I recommend, when the time comes to replace your mouse, that you spend a little time with a trackball before you buy another mouse. If you decide to try the trackball, I can almost guarantee that you won't be disappointed.

## AmTRAC Specifications:

Size: 7.5 in long x 4.25 in wide x 2.63 in high

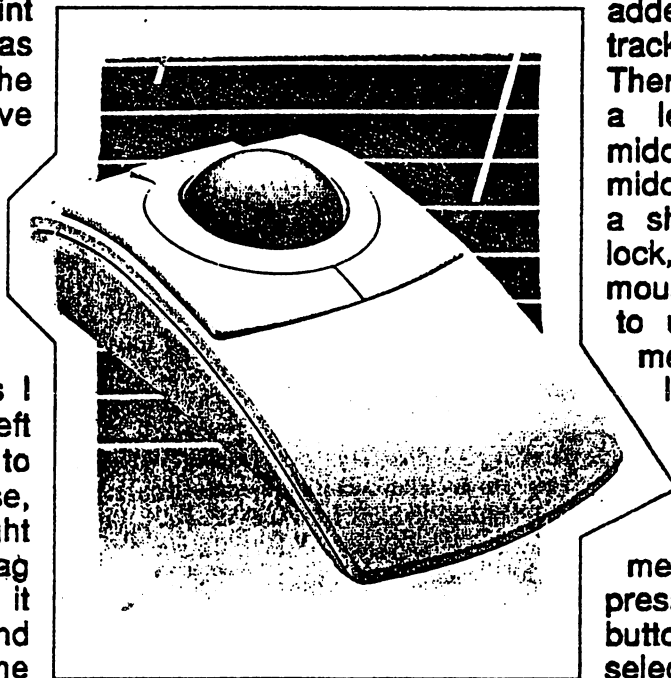
Weight: 12 oz

Ball: 2.25 in diameter polyester

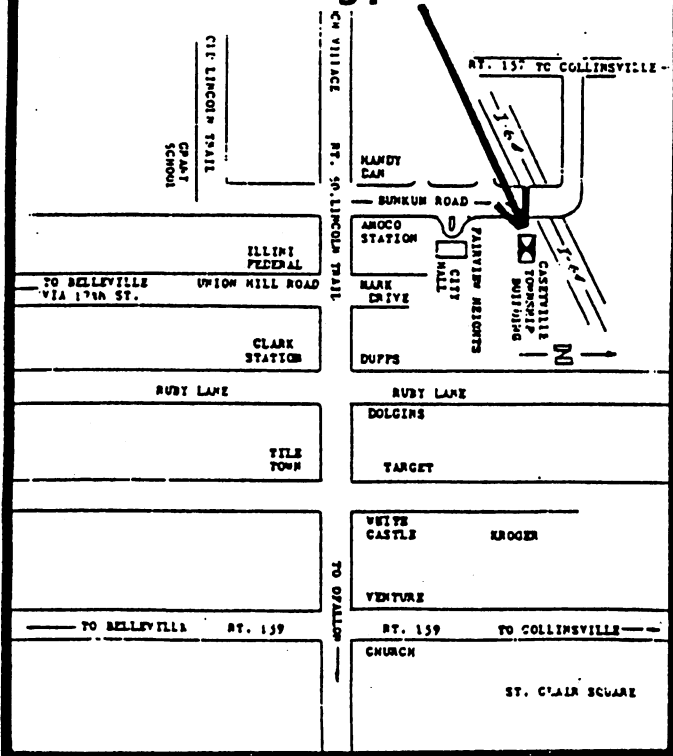
Cable: 4 conductor, shielded, 4 ft long

Connector: DB-9P male

Power requirement: less than 100 ma dc@ 5v



## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

May 15th. 1990 7:pm

### Next Exec. Bd. Meeting:

May 22nd. 1990 7:pm

(At Western Sizzler)

Fairview Heights, IL

### Next Copy Session:

At any Regular Meeting

Bring your Computer

### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**

**P.O. Box 1839**

**Fairview Heights, IL 62208**



Volume 7

May 1990

Number 5

**Check your dues date!**

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

June 1990

Number 6

## View From The Top

By Juanita Welker

June is here again. Hopefully the worst is over and everyone found some dry land. Last month was the pits and I don't think the ducks even enjoyed the weather. I want to thank all the brave members who got out in the terrible wet weather and came to the meeting. Everything was out of wack for that meeting. We could not have our demo because my hubby had a last minute meeting and could not break down equipment for me. I guess its time I learned how to do that for myself.

I am hopeful that the membership will be willing to help with the up coming Art Fair. This is an important money making project for our club. If we build the treasury then we would be able to provide more items for club members.

June's meeting will showcase games. We all have played or attempted to play one of these. I am going to bring a couple with me to the meeting. If anyone has a favorite bring it along and we will show it to the membership.

The rest of the year looks like it will be shaping up just fine. The July meeting which was supposed to be a copy session will be devoted to Data Base programs. Boy is there a lot of them out there. Super Base for the 64 and Data Manager for the 128. There is a variety of programs available for the Amiga.

August is set up for Drawing Programs - Boy do I need help on this one. I am not an artist and I really have not played with

any of the drawing programs. Anybody out there have any experience with these types of programs?

September is the month for our Auction. There should be some good computer buys. I know there will be some good software available. Also I will be appointing a nominating committee for upcoming elections.

By the time you all read this we will know who won the ball game and maybe we will all hear about what went on at that game. I hope the weather is dry and warm.

See you all at the next meeting.

## Copy Session 7-21-1990

The club has set up an all day copy session for July 21, 1990 in the City hall building of Fairview Heights,IL

The Copy Session is for **CURRENT MEMBERS ONLY**. You must have a current membership card to be admitted to this copy session.

You bring your equipment and then take copies of software from the club's public domain library and copy them on your blank disks. You will need your membership card to take out programs.

There will be blank disks to purchase if you need them. Please remember to return the Club's copy of the program disk.

There will also be present people, to help if you are having any kind of difficulties with copying the programs.

I hope this session is well attended. If so, we will schedule another session later on in the year.

# Reports

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## Bits & Chips

Please direct all submissions and advertising to Editor Larry Briggs, 1021 Lafayette Ct. Collinsville, IL 62234. Camera ready advertising must be received by the first of the month to be included in the issue of the month. Rates are as follows: Full page- \$15.00, Half page- \$7.50, Quarter page- \$3.75, and business card -\$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## The Officers

PRES: Juanita Welker.....234-5901  
VP: Earl Salmons.....397-5029  
SEC: Bertha Koerper.....452-5110  
TRES: Ken Welker.....234-5901  
LIBR: Everett Truttmann...632-4735  
EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasure's Report

By Ken Welker

Balance May 1, 1990. \$934.11

-----  
I BASEBALL TICKETS.....\$ 84.50  
N D.O.M. SALES.....\$ 50.00  
C BLANK DISKS.....\$ 55.50  
O MEMBERSHIP.....\$ 60.00  
M 50/50 RAFFLE.....\$ 14.00  
E SODA.....\$ 4.75  
DISK DRIVE.....\$ 80.00  
DISK DRIVE.....\$ 15.00  
-----

MAY INCOME.....\$363.75

-----  
E  
X NEWS LETTER.....\$ 58.10  
P  
E POSTAGE.....\$ 10.00  
N  
S DISK DRIVE.....\$ 75.00  
E  
-----

MAY EXPENCES.....\$143.10

-----  
CURRENT BALANCE.....\$1154.76  
AS OF JUNE 1, 1990

# Editor's View

by Larry Briggs

## Is the 64C Dead.?

For some time now, various writers have been bombarding us with news that Commodore has given up on the C64 as well as the C128, and is only going to distribute the Amiga. Now an article written by Bruce Parrish and Kevin Matthews, in the March 1990 THE TOWN CRYER, of the Hartland Users Group, states, and I quote. According to a January announcement by Commodore, its new "Test Pilot" offering is expected to boost sales of the C64 machine. This package, "available at leading Commodore dealers and selected retailers nationwide," is supposed to counter the tendency for electronics purchases (especially personal computers) "to end up back on the shelves." Furthermore, according to Commodore's Vice President of Consumer Sales, Bob Larson, "The 64C is not a computer that children will outgrow. The 64's wide-ranging capabilities will keep the machine in its rightful place after the games are put away--on a desk rather on a closet shelf."

The virtues of the 64, of course, are something that we user groupies have long been sold on, and we would certainly welcome new recruits to our ranks. But in view of Larson's pitch, it's disappointing to see only games listed among the bundled software. And at \$499 for just a CPU/keyboard, disk drive, and the games, the "new" package doesn't exactly promise to set salserooms on fire. Even though mail order outlets are already advertising the "Test Pilot" at \$299 and \$279, this is not where inexperienced first-time shoppers are likely to look. I hope I'm proved wrong, but it looks as if another of Commodore's notoriously inept marketing schemes may be dead in the water at launch. Unquote. It seems Bruce & Keven are right, if you will check the latest Run magazine you will find this "Test-Pilot" package listed for sale. However--- availability will be another story.

## Kentucky Mom to Kentucky Son

Dear Son,

I'm writing this slow cause I know you can't read fast. We don't live where we did when you left. Your dad read in the paper where most accidents happened within twenty miles of home, so we moved. I won't be able to send you the address as the last Kentucky family that lived here took the numbers with them for their next house so they wouldn't have to change their address.

This place has a washing machine. The first day I put four shirts in it, pulled the chain and haven't seen them since. It only rained twice this week, three days the first time and four days the second time.

The coat you wanted me to send you, your Aunt Sue said it would be a little too heavy to send in the mail with them heavy buttons, so we cut them off and put them in the pockets.

We got a bill from the funeral home, said if we didn't make the last payment on Grandma's funeral bill, up she comes.

About your Father...he has a lovely new job. He has over 500 men under him. He is cutting the grass at the cemetery.

About your Sister...she had a baby this morning. I haven't found out whether it is a boy or girl, so I don't know if you are an aunt or an uncle.

Your uncle John fell in the whiskey vat. Some men tried to pull him out, but he fought them off playfully, so he drowned. We cremated him, he burned for three days.

Three of your friends went off the bridge in a pickup. One was driving, the other two were in the back. The driver got out, he rolled down the window and swam to safety. The other two drowned. They couldn't get the tailgate down.

Not much news this time, nothing much happened. Write more often.

Love, Mom

P.S. I was going to send you some money, but the envelope was already sealed.

Author unknown (ed)



# D.O.M. for the AMIGA

by jim Tomlinson

## AMIGA DISK OF THE MONTH

**CHINA CHALLENGE** - For those of you who have seen Shanghai, the ancient game of Mah-Jongg, here is the ORIGINAL. This game has less tiles than Shanghai but seems to be much tougher. All items are on pull-down menus, just click on two matching tiles.

**LHWARP** - This is a whole disk compressor. Especially made for those who wish to send a disk to a buddy via a modem. This is version 1.40 and runs from the CLI only.

**MICROLABEL** - You've seen them for the C64 and the IBM, well here is one for the AMIGA. This program will take a disk directory and print it in compressed mode on a 3.5 disk label.

**MRBACKUP** - If you have a Hard Drive, here is the latest version of an excellent hard drive backup program. Extensive documentation is included.

**MSH.ZIP** - Basic compilers don't come cheap but this one is FREE. A full AmigaBasic compiler in compressed mode. Use UNZIP to put on another disk(UNZIP is on the current disk).

**WHEEL OF FORTUNE** - Is that Vanna turning those letters? Is she standing on the moon? This latest version of the TV game show now has multi-user, choice of background, and even choice of Vanna's dress color!

Coming next month- A great game of dominoes!

## Overview

by Juanita Welker

Since we will be having a Copy Session in July I thought this would be a good time to go over some very basic items that newcomers may need to help them find their way around the Commodore 64 or 128.

### Keyboard:

1. Return - This enters information into memory.
2. Shift works like a standard typewriter. Also hold shift display graphic character on right hand. Hold Commodore key display graphic character on left hand.
3. Cursor: No shift to move to right. Shift to move to left. No shift to move down, shift to move up.
4. Inst/Del No shift to delete. You must shift to insert.
5. Clear/home puts cursor in home position. Shifted will clear screen.
6. Control Shift and keys 1-8 indicate color. Commodore key accesses 2nd set of eight colors that can be used.
7. Run/Stop will stop execution of a basic program. In shifted mode it will allow you to automatically load a program from tape (if you have a tape drive).
8. C=Commodore key first allows you to move between text and graphics mode. Second allows you

to access a second set of eight test colors. By holding down the commodore key and any of the number keys any text now typed will be in the alternate color available from the key you depressed.

9. When computer is first turned on, it is uppercase/graphics mode. Hold down Commodore key and shift to get upper/lower case.

### Helpful Commands:

To list menu: load "\$",8:list

To print menu: Open 3,4:cmd3:list:print#:close 3

To scratch a file: open 15,8,15:print#15,"s0:filename"

To load a program: load "test",8

To Save a program: Save "program",8

To format disk: open 15,8,15:print#15,"n0:file name,xx"

To change the name of a file: open 15,8,15:print#15,"r0:file2=file1"

I hope the above is helpful.

# D.O.M. for the C64

by Everett Truttmann

June 1990 D.O.M.

---

9	"MENU	" PRG	Load"menu",8,1- or each program by file names.
7	"SMILE DARN YOU	" PRG	Please do.
74	"BASIC TUTOR #3	" PRG	#4 next mounth.
8	"TINY DIR>PRINT	" PRG	Will print directorys in compressed mode.
20	"CAPITALS	" PRG	Educvcational.
63	"HOOOTY HOOT OWL	" PRG	Picture.
15	"CONCENTRATION	" PRG	Game.
4	"TICKER TAPE	" PRG	Horizontal scrool-Just like a ticker tape.
12	"SUPERKEYS	" PRG	Utility-Programers may be able to use this.
15	"BOOLEAN TUTOR	" PRG	Utility-Maybe programers can use this.
5	"DEMO ON_GOSUB	" PRG	Utility-Can't cope with this one at all.
43	"STRINGS TUTOR	" PRG	Utility-For programers.
29	"BACH INVENTION	" PRG	Music -by the master.
61	"HH GRAPHICS	" PRG	Graphics-Demo.
12	"SUPERKEYS	" PRG	Utility-For programers.
5	"SPRITE.0	" PRG	Demo.
64	"DISKVIEW	" PRG	Utility-Very good. Gets you inside a program.
22	"MAZE MANIA	" PRG	Game-Not 60 bad.
35	"POOL	" PRG	Game-Not a bad pool game.
22	"ROCKET FIGHTER	" PRG	Game-Arcade type.
52	"SKIER LOADER	" PRG	Game-Loads skier. Real nice.
20	"HOME FILE	" PRG	Keep inventory,records -Or what ever excites you.
23	"TYPE IT	" PRG	Educational-Sort of a game for typers.
6	"CH>DISK TITLE	" PRG	Ytility-For rewriting disk header.
4	"CROSSHATCH	" PRG	Utilitu-Demo.
5	"LIDT THEN RUN	" PRG	Utility-Can be used by programers,I guess.
12	"USEFUL ROUTINES	" PRG	For programers.
20	"WILLIES WEDGE	" PRG	Utility.
30	"ASSTART GRAPHICS"	" PRG	Graphics-Demo.
17	"KEYBOARD TRIXS	" PRG	Good for all you spys out there.
5	"FINIS	" PRG	That's all.
3	BLOCKS FREE.		

# USING S.A.M. IN YOUR PROGRAMS

by Van Bushue

S.A.M. (Synthesized Automatic Mouth) program has been around for quite some time. It is a program that lets your 64 talk in a synthesized voice and the only one that I know of that will do this with no extra hardware. The voice in the program is, for the most part understandable, but has a few quirks which is always present in synthesized voice. It is a very robotic voice that sometimes has problems with pronunciation of vowels and tricky consonant combinations.

To use the S.A.M. disk, one must first load the program called "S.A.M.". then the program will ask you if you want to load the "Reciter" program in which you will respond with "y" in most cases. It will then ask you "high or low memory". A "h" or "l" response will yield a "ready" prompt. From here you will be able to load one of the demonstration programs on the disk or one of your own basic programs. This brings me to the subject that I want to talk about.

What the S.A.M. program has done to this point, besides load the synthesized voice data for all the letters and combinations of letters in the alphabet, is add a new BASIC command. This new command is "SAY". This command is similar to the "PRINT" statement in that you can use a character string in quotes or a variable with the command. An example is:

```
SAY "HELLO THERE"
```

This is an example of using a character string and will say "hello there".

```
A$="HELLO THERE"  
SAY A$
```

This is an example of using a variable with the "SAY" command with the same results as above.

Now we are ready to make our own program. The first thing we have to do at the beginning of the program is turn on the reciter. This is done by using the new command "JRE" (right bracket, "R", "E") which tells the computer to interpret the characters of the variable strings. We can then use the "SAY" statement throughout our program. There are some other things we can do with the voice, these include pitch, speed, and a few others I will list later. So let's make a sample program.

```
10 JRE  
20 INPUT "ENTER YOUR NAME" : A$  
30 B$="GREETINGS"+A$  
40 SAY B$  
50 SAY "NICE TO MEET YOU"  
60 SAY A$  
70 SAY "BYE FOR NOW":END
```

Other commands to change voice are:

see S.A.M. page 7

# D.O.M.

for the C128  
by Ken Jeffress

```

0  "gcc dom128 jun90" kj 2a
15  "1571 copy" prgg
38  "resurrect 1571" prgg
5   "disk eraser 1571" prgg
10  "2 side formatter" prgg
24  "biplane" prgg
2   "commodore logo" prgg
8   "saturn sprites" prgg
2   "moire patterns" prgg
6   "colors 80" prgg
185 "atomic structure" prgg
9   "circuit formula" prgg
103 "formulas" prgg
21  "128 organizer" prgg
2   "screendump128" prgg
11  "dir3col.bluchip" prgg
33  "chart v2.0 -40" prgg
4   "quick file -80" prgg
95  "hamlog 128 -80" prgg
13  "memo file -40/80" prgg
15  "mail list -40/80" prgg
15  "calculator-40/80" prgg
8   "all notes -40/80" prgg
3   "allnotes.doc" seq
35  "disk master -80" prg
2   blocks free.

```

S.A.M. Continued from page 6

Function	New Basic Command	Basic Poke Command
Pitch	!PI x	POKE 39439,x
Speed	!SP x	POKE 39438,x
Throat		POKE 38881,x:SYS 38882
Mouth		POKE 38880,x:SYS 38882
Lights	!LI 0 or 1 (0-shuts graphics off for better sound of voice)	

Note: x is a number between 0 and 255.

Hint: To prevent computer lockup when adding character strings together only add 2 strings together per basic line.

I hope you have fun using S.A.M. in your own programs. I have had fun making educational games for my little one and a talking clock/alarm that wakes me up in the morning and tells me the time every hour over my intercom system. Just use your imagination.  
\*\*\*\*\*

# Secretary's Report

by Bertha Koerper

## MINUTES - MEETING 5-16-90

By Juanita Welker

The President welcomed all attending members to the Dodge the Raindrops Computer Club.

We did not have a quorum present.

We dispensed with the reading of the Secretary's report.

The Treasurers report was accepted as read.

Editor Larry Briggs again asked for articles from the membership. The Newsletter is down to 8 pages. The articles do not have to be anything fancy. They can be anything from software reviews to classified items. The classified items are listed free of charge for our members.

Librarian and Membership Chairman Everett Truttmann reported that we have 51 members in the club.

### Old Business:

It was decided that we could not guarantee enough members to man a table for 2 days at the Viet Nam Tribute 90. It would not be good for the club to try to cover this event and not have enough participation from the membership. G. Ashbaker is still interested in having the membership help him compile a list of KIA by States.

There are still 5 baseball tickets available for the June 17th game.

Earl Salmons reported that the Copy Session is set

Copy Session date is 7-21-90. This will be held from 10:00 A.M. to 4:00 P.M. at the City Hall building. Fairview Heights, IL.

There was no Art Fair Committee report.

### New Business:

President Welker asked the membership about lowering the 3.5 disk prices. The present price is .75 per disk. The proposed price would be .60 each. This keeps the price of disk in line with what is being charged for the 5.25 disks.

The President reminded everyone that caps and Tshirts were still available. The prices are \$2.65 for caps and \$4.00 for Tshirts.

The President then asked if there were any announcements and or problems. Tom McDonald announced that he has some very good used and like new Commodore equipment for sale. There are some disk drives also. If anyone is interested please see Tom. He is also looking for a 2400 baud modem.

Bill Broda asked if anyone is using Paper Clip 111. Please see him if you have any information.

Tom McDonald is starting a Bulletin Board in Collinsville. The tentative phone number is 618 346 9086.

The meeting was adjourned.

---

## Thanks--Thanks

I guess my pleading for some articles for the newsletter from the membership has paid off, as three members have submitted articles for this month's letter. I do hope now that they got their feet wet, they, as well as others will continue to write, especialy for the C64.

Larry Briggs, (editor).

# REPORTS

## NEW AMIGA STUFF FROM EUROPE

by Kurt Isbrecht

As most of us know the Commodore Amiga is a wonderful computer. We also know that the Amiga has been more of a success in Europe than the U.S. As a result hardware developers in Europe have sent to market some interesting things for the Amiga that we don't see in the U.S. The following are a few items that I have read about in Amiga magazines from England and Germany.

The "Amiga 1500" from Checkmate Systems of England. This is an Amiga 2000 like replacement case for the 500. A new, separate keyboard with DF0: facing to the front. A second drive slot and room for a hard drive. There are several options that can be added. A 2000 compatible video slot and full-spec MIDI interface are a few. Another replacement case for the 500 is from HB Marketing of London. The picture I saw looked just like a 2000. No price, but if you want to "ring up" merry 'ol England call HB Marketing at 04 01 0895 444433. As I was writing this article I found out about yet another 500 replacement case. I have included it because I have the address if anyone wants to write them. The item is the "A500 PC CABKIT." Send a large SAE to: Dept. AF, Computer Conversion Services, The Hollow, Creetown, Wigtownshire, DG8 7HZ. England. Price unknown.

From ICS Electronics, the Met-2 is a receiver-preamp, power supply and antenna that lets you show satellite weather pictures right on your monitor. Price is \$900. "Microtext" from Teletext Ltd. lets you receive Teletype transmissions. It will even speak the incoming text if you don't want to read from the screen, \$200.

Two other items. An IBM emulator that fits in the Amiga 500 RAM expansion slot. This one does not use a window in Amiga DOS like the

bridgeboard, it turns your Amiga into an MS DOS machine. Called "Power PC Board" from KCS of Dordrecht, Holland. One meg of on board RAM, V30 chip, MS DOS 4.01, GW Basic, and \$250 of software for \$495. Not too many details on the last item. An Atari ST emulator from Germany. Uses Amiga drives. Around \$410. My only question is why would anyone want to downgrade an Amiga to Atari or MS DOS? It's nice to be able to run all kinds of software I guess, but an ST? That's like CPM with windows. All prices are based on an exchange rate of \$1.65 to the British Pound.

Next month we will take a look at some new Amiga hardware from the good old USA.

## Computer Recipes

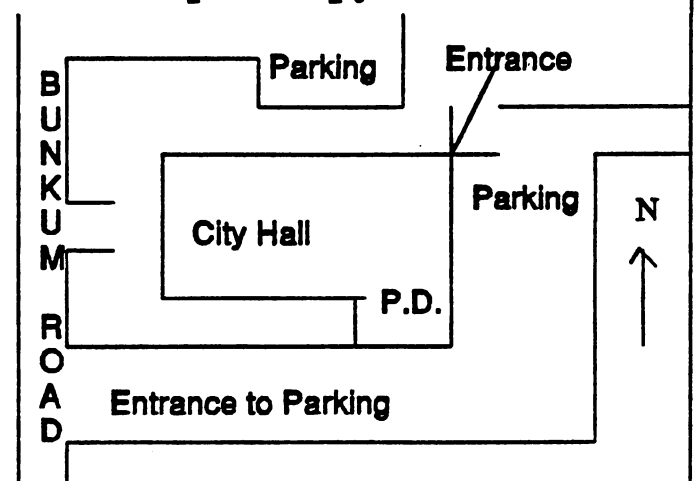
by Art Koenig

On a trip to the north west coast, I saw a different use of a computer than I had seen before. Entering a supermarket, I saw a large computer console with printer and monitor.

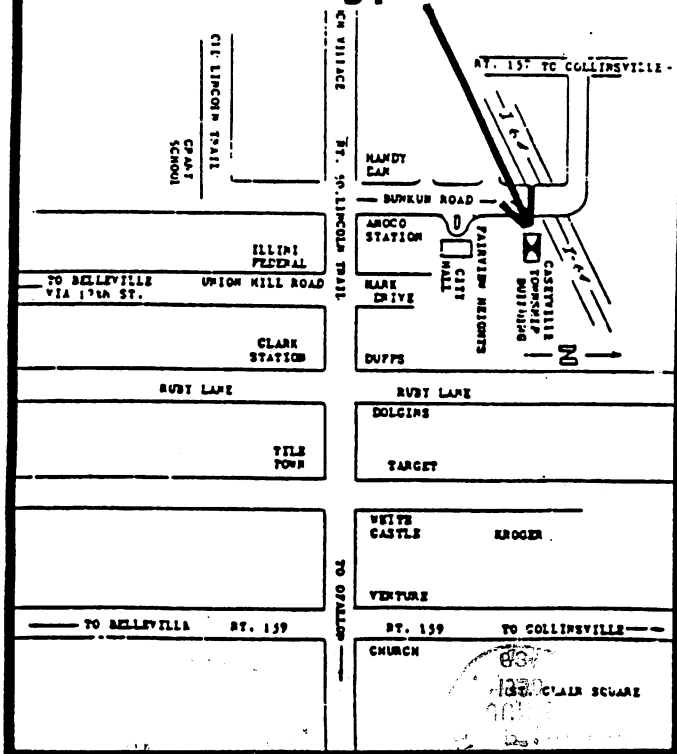
If you wanted to cook a meal you could select a meal from a large selection and then get a printout of all of the ingredients required plus detailed instructions of how to prepare it, time required, and number of servings, etc.

I thought this was a handy way for a housewife to prepare a meal. I watched, and it seemed to be used frequently.

## Map to Copy Session



## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

JUNE 20th. 1990 7:pm

### Next Exec. Bd. Meeting:

JUNE 27th. 1990 7:pm

(At Western Sizzler)

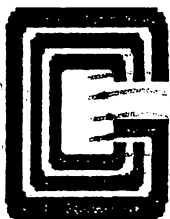
Faieview Heights, Il

### Next Copy Session:

### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**

**P.O. Box 1839**

**Fairview Heights, IL 62208**



Volume 7

June 1990

Number 6

**Check your dues date!**

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

July 1990

Number 7

## VIEW FROM THE TOP

By Juanita Welker

July is traditionally the month of vacations, so I hope that our club meetings will not suffer from lack of members. We have data base programs on display in July. There will be a 128 and an Amiga at the meeting. We will demo SuperBase and Data Manager on the 128, and SuperBase and Microfiche Filer Plus for the Amiga. If you have a data base you use, bring it and we will all take a look at it.

Calling all artists -- August is showcasing drawing programs. We need to have someone demo a drawing program. If you dabble or have some pictures you have made at home bring them to the meeting and we will share. I try to draw and nobody can figure out what it is, including me.

The ball game was great. We all got to see a winner. The weather was warm but we were under a roof and in the shade. I think everyone enjoyed the game.

By the time you get this newsletter we will have already taken part in the day set aside for civic groups at St. Clair Mall. It was decided at the last meeting to take part in the all day affair. We will also give coupons for \$5.00 dollars off a membership if the person joins during the month of July or August.

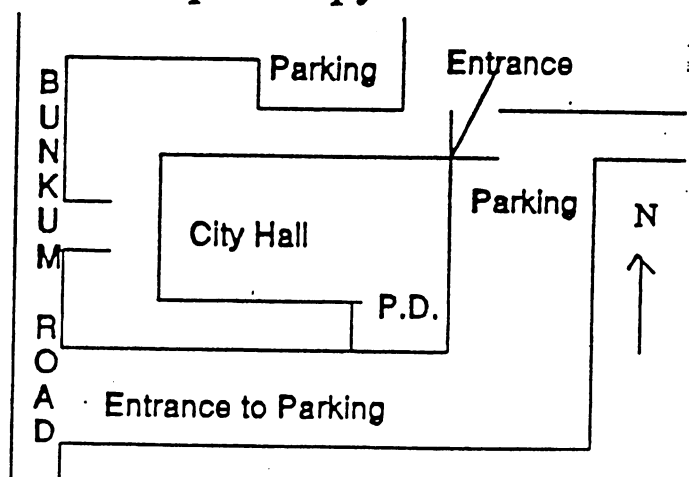
I want to thank Carlos for the great photo albumn. I wonder who added the captions.

If anyone would want to serve on the Nominating Committee for the upcoming elections please, let me know. We welcome your participation.

September is going to be very busy for the club. We have our Auction slated for meeting night. The Art Fair is scheduled for September. For the Fair we will need the participation of the membership. I will have a sign up sheet at the July meeting for the members to let us know if they will work.

Remember...7/21/90 is our copy session at the Fairview Heights City Hall. It is to be held in the Senior Center Room. There is a map elsewhere in this newsletter showing you how to get there. Remember you must have a valid membership card to participate in the copy session. We will have blank disks to buy, and there will be club members to help any member having problems.

## Map to Copy Session





# Reports

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

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## The Officers

PRES: Juanita Welker.....234-5901  
VP: Earl Salmons.....397-5029  
SEC: Bertha Koerper.....452-5110  
TRES: Ken Welker.....234-5901  
LIBR: Everett Truttman.....632-4735  
EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasure's Report

By Ken Welker

Balance June 1, 1990. \$1154.76

---

I BASEBALL TICKETS....\$127.50  
N D.O.M. SALES.....\$110.00  
C BLANK DISKS.....\$ 88.00  
O MEMBERSHIP.....\$ 60.00  
M 50/50 RAFFLE.....\$ 11.00  
E SODA.....\$ 3.64

---

MAY INCOME.....\$400.14

---

E  
X NEWS LETTER.....\$ 58.00  
P  
E POSTAGE.....\$ 15.00  
N  
S P.O. BOX.....\$ 36.00  
E

---

MAY EXPENSES.....\$109.00

---

CURRENT BALANCE.....\$1445.90  
AS OF JULY 1, 1990

# Editor's View

by Larry Briggs

## The End of an Era

Another Commodore 64/128 Magazine has bit the dust. Info magazine has decided to publish an Amiga format monthly, well, at least eleven issues a year. If you were a Info subscriber or reader, you will remember this magazine being one of the best with the most, with reports of hardware and software more than any of the other magazine. I for one, am sorry to see it's demise. But I do wish Info well in publishing in an Amiga format.

In the last issue of Info they included an offer of a free issue of the TWIN CITY 128 from Loren Lovhaug, publisher of this exclusive 128 magazine, if you are a current subscriber to Info, you can write to "Twin Cities 128, PO box 11578, Minneapolis, MN 55411" You have untill July 31st. to take advantage of this offer.

## AmioEXPO in Chicago

by Larry Briggs

On June 28th, Bill Broda and I drove to the AmioEXPO in Chicago, IL. This was an all Amiga exposition of hardware and software by more than 100 exhibitors. Most of the major company's were there except the one that should have been, "COMMODORE." I was disappointed in not having the new 3000 Amiga with the version 2.0 DOS, displayed by them. Creative Computing, a vender, did have one on display, and had them for sale. I did play around with it and was fascinated by it's speed. Most of crowd was around the display by NewTek, putting on a live demonstration of the Video Toaster. It does Digital Video Effects, those that you see when the weather forecaster on TV, change screens with wipes, dissolves, zooms, spins, tumblers a character generator, and so much more. list price \$1595.00.

There were some discounts on software, but most of the venders were working from their published price list, if you bought something, you saved the postage. Some software was marked down on the last day, but they were mostly games that were not selling. Bill spent most of his time in classes, learning how to use some of the software that he purchased at the exposition.

We were at the Hyatt Regency on Wacker drive near Michigan ave, in the same hotel as the AmiEXPO. our room overlooked the Chicago river and a view of Lake Michigan., little wonder that it cost so much. This was my first visit to a Computer Expo. We enjoyed it very much.

## Secretary's Report

### GATEWAY COMPUTER CLUB MEETING FROM JUNE 20, 1990

The meeting was brought to order at 7:15 p.m. All board members were present. The secretary's report was read and accepted. The treasurer's report was also read and accepted. Editor Larry Briggs thanked all who donated articles to the June newsletter, and stated he is still in need of 64/128 articles. Librarian/Membership: Everett Truttmann said the club has a disk with a list of programs available in the club's library. Everett also announced the club has 50 members. We have one new member from O'Fallon, Tom Clark, welcome to the club Tom. A sign up sheet along with information about the "Art Fair" on September 22nd and 23rd will be put out at the next meeting. If not enough members sign up to help, we will not participate in the fair. The copy session for July 21st is still on. The rules are: the copy session is for **CURRENT MEMBERS ONLY**. You must have a current membership card to be admitted to this copy session. You bring your equipment and then take copies of software from the club's public domain library and copy them on your blank disks. You will need your membership card to take out programs. (Blank disks will be available for purchase). No nonpublic domain programs may be copied. A map to the copy session is printed in this newsletter.

**NEW BUSINESS:** The club's photo album is now available for viewing at the club meetings. The Christmas party this year is scheduled for December 19th. A barber shop group of ten has been signed up for our entertainment. They charge \$50.00. The club will have a table set up at St. Clair Square for information only on July 7th from 10 - 6. There are other groups and clubs from the area who will be participating in this also. Larry Briggs will have copies of the June newsletter available for distribution. The club will also be giving out a \$5.00 coupon for new members who join either in July or August. These coupons may also be used by the present club members who wish to re-up for another year during the months of July or August. Tom McDonald said that S.O.S. has closed again. Different club members stated they have had bad experiences with S.O.S. and strongly suggest you take your business elsewhere if this store should open again. The Vice President and M.A.L.s had nothing to add. A short break was taken. The 50/50 drawing was won by Richard Koerper II for \$10.00. President Juanita Welker gave a demonstration on Rockford. The meeting was adjourned at 8:45 p.m.

# D.O.M. for the C64

by Everett Truttmann

JULY 1990 GCC 64 DOM

9	"MENU	"	PRG	Load"menu",8,1- or each program by file names.
7	"SMILE DARN YOU	"	PRG	Please do.
64	"BASIC TUTOR #4	"	PRG	These were good tutors, hope I can find more.
9	"COMPUTER BLUES	"	PRG	Novelty-This one is far out, at least it should be.
3	"HEAR BINARY	"	PRG	Novelty-Now you can hear binary at it's best.
42	"MT RUSHMORE	"	PRG	Picture.
83	"ALL ABOUT THE 64"	"	PRG	Demo-on some of the things the 64 can do.
41	"BEGINNERS TIPS	"	PRG	Utility-May be helpful to programmers.
20	"SILLY REMS	"	PRG	Utility-Programmers may be able to use this.
8	"PIC LOADER.C	"	PRG	Pictures-This will load the 8 pictures that follow.
25	"BILLIARDS	"	PRG	Game-Worth a try, why not.
34	"WORD SCRAMBLE	"	PRG	Game.
22	"NOODLE THERAPY	"	PRG	Novelty-Good-May help if you lie down to run this.
3	"STOPWATCH	"	PRG	Novelty-Just a timer.
5	"DISK TIMER	"	PRG	Utility-To check disk drive.
31	"CAVES	"	PRG	Game-Word game.
6	"FINIS	"	PRG	That's all for now, I'll be back later.
0 BLOCKS FREE.				

## St.Clair Mall Computer Demo.

The Civic Group Exposition at the St.Clair square on Saturday July 7th. was very well attended by club members. Our table was set up in front of the Software Etc. Computer store, next to Famous Barr, Lower level. When I left the mall at 1:30pm, only board members were there to man the table, I would like to have had some of the general membership to participate. It really is fun, we had a good time and talked to some nice people that seemed interested in computing. Some had Commodores, some had IBM's or some other inferior machine.

But it does not matter, we all had something in common, computing.

There were two machines set up, a c64 and an Amiga. Various programs were demonstrated, some games, but the most impressive was two demo programs by NewTek, Reel 1 & Reel 3, Digitized with Digi View. The graphics and pictures were outstanding and drew the attention of many of the people passing by. Some asked questions and were given our latest newsletter, we hope this will instill a desire to join our club, a few indicated they may do so. The mall was not very busy, hopefully it was better later in the day.

# Reports

## DESKTOP PUBLISHING ON THE AMIGA

by Kurt Isbrecht

One of the most exciting applications for computers to come along the last few years is page layout, or "desktop publishing." What's that you say "I'm not an author; I don't need to publish anything!" Well I'm no author and I use my DTP software for many things. One of the most popular uses is for the creation of newsletters. Our own Larry Briggs uses an Amiga and "PageStream" software to produce our Bits and Chips monthly.

The two "heavy weights" of Amiga DTP are "Professional Page 1.3" by Gold Disk, and "PageStream 1.8" by the St. Louis based software house of Soft Logic. By the time you read this PageStream version 2.0 should be shipping. While Pro Page was the first full featured DTP software on the Amiga scene, PageStream is coming on strong.

I have used both programs. The first versions of PageStream were very unstable. After many visits to the GURU, I was about to throw PageStream in the trash can. Version 1.8 is about 90% bug free. I feel that PageStream is the more powerful of the two programs. Easy format of text, the ability to type any where on a page without a box, free flow of text around irregular graphics, twist, turn, rotate or resize text and graphics are just a few things you can do with this program.

I have made newsletters for my daughter's Girl Scout troop, tickets for school functions, notices and leaflets for scout and union fund raising. Other uses include invitations, greeting cards and what ever you can think of. The snap to

grid feature lets me make nice looking forms for work.

Both programs use scaled fonts. Scaled fonts come out very smooth on dot matrix printers, just look at this issue of Bits and Chips, done on a 24 pin Panasonic printer. Version 2.0 of PageStream will use Agfa Compugraphic fonts, the very same ones now used with Pro Page 1.3 and some IBM type publishing programs. (PageSetter also has Compugraphic Fonts, by Gold Disk). (Ed.)

I know that for our Commodore 64 and 128 members most of this will be of little interest. I also know that for one reason or another most of us will upgrade our hardware at some time. Our trusty 8 bit fails, we feel the need for more power or whatever. When that fateful time comes please don't think the only computer of choice for DTP is IBM or that little YUPIE type machine with the hamburger name. The Amiga now has the software to make it a publishing powerhouse. This power is not cheap. Pro Page is around \$200, PageStream about \$75 less. I have read of a new program called Saxon Publisher that will knock the sox off any DTP software, Amiga, IBM or Macintosh.

If you are looking for something that is quite easy, lots of fun and very useful, try desktop publishing. The only problem is that you will have friends, family and co-workers asking you "Hey, could you make me a ..... with a picture of a ..... on it?"

If you decide to try DTP there are members here in the club who will be happy to help with your first pages. So give it a try. Desktop publishing programs are free form for the most part so your imagination and creativity can soar. Enjoy!

# D.O.M. for the AMIGA

by Jim Tomlinson

## AMIGA DISK OF THE MONTH

**CLERK4.0** - Here is an update to a terrific bookkeeping pal. Although it can be run from this disk, it runs best if setup on a fresh disk. Complete instructions are included.

**DOMINOES** - If you don't watch out, Two Toed Pete will beat you! This is probably one of the best written dominoes games I've ever seen on any machine!

**LIFECYCLES** - That's it's name, biorythms it's game! Just enter your birthdate and the date you wish to find out about, and it goes to work.

**MASTERMIND** - You may remember this game from your childhood as the 'guess the pegs' game. This is you versus the computer in a battle of wits.

**MONTANA** - No, this is not a map of the great state of Montana, this is solitaire. Although simplistic, this makes a fine game to play while doing that long download, or crunching that spreadsheet.

Coming next month- Subway... a neat sound and graphic demo.

# D.O.M. for the C128

by Ken Jeffress

```

0  "GCC DOM128 JUL90" JK 2A
12  "MENU 128 / RUN" PRG
20  "DIRECTORY 128" PRG
1  "MEMO PAD" SEQ
1  "===== " USR
19  "BOOT" PRG
13  "MEGAI II.BTP.V3.0" PRG
22  "MEGABOOT.DOCS" SEQ
1  "===== " USR
17  "BURSTCOPY 1571" PRG
4  "RUN64.FROM128" PRG
6  "DOUBLE-SINGLE" PRG
58  "AUTOBOOT MANAGER" PRG
2  "1571 ROM CHK" PRG
19 2 "AT STRUCTURE II" PRG
11 3 "GRADEBOOK 128/80" PRG
91  "MAGAZINE FILE" PRG
1  "===== " USR
1  "BOOT-128-WEDGE" PRG
9  "DOS128" PRG
14  "DOS128-TEACHER" PRG
1  "===== " USR
54  "MINIDOS-80COL" PRG
12  BLOCKS FREE.
```

# Desktop Publishing/Digitizing

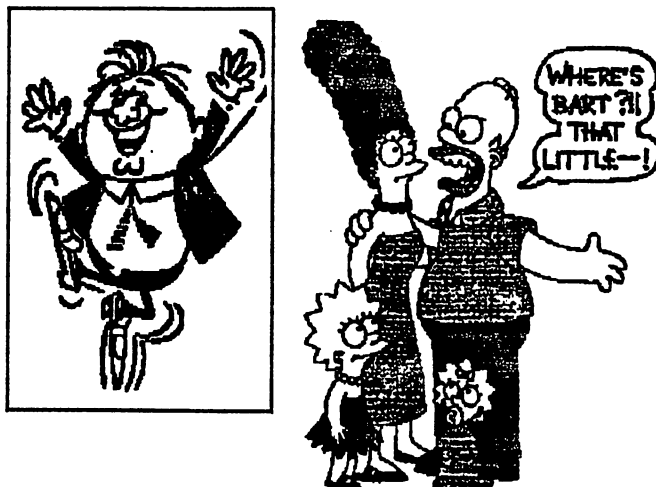
## Image Capture By Kurt Isbrecht

I am sure we have all seen a bit of art work that we would like to place in a project, be it a newsletter, poster, greeting card, or whatever. We could boot our favorite paint or drawing program and draw what we want by hand. However, if your artistic talent is anything like mine you have trouble drawing a straight line. There are other less frustrating ways to get that picture from one place to another. We, as owners of electronic computers have tools that allow us to capture and place artwork from one point to another with very little trouble.

One of the first digitizing accessories for the Amiga was Digi-View, consisting of a small plug-in interface and an outstanding program. Digi-View is one of the most successful pieces of hardware on the market. A high resolution black and white video camera is recommended but I have done some nice work with a color cam-corder. For best results make sure your camera is mounted to something solid. A tripod works fine. Use lots of soft white light. Fluorescent is fine for black and white, but for color use photo flood or digitize near a window on a sunny day. Most cam-corders have a "macro" or close up lens for very small clips that you may want to capture.. With Digi-View you can capture three dimensional as well as flat objects. If you have a video camera and around \$140 give Digi-View a try.

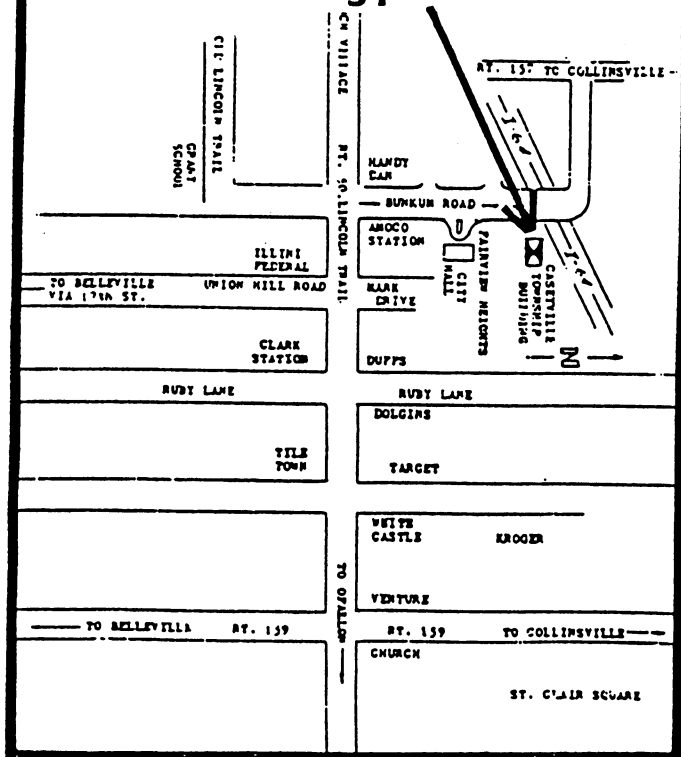
Another way to capture flat artwork is the optical scanner. Until a few months ago you could expect to pay over \$1000 for the cheapest flat bed scanner. Recently a few companies have begun marketing hand held scanners for Amiga. I have been using a hand held scanner known as the "Migraph." After plugging in the interface to your printer port (or a switch box) then the small power supply, you are ready to go. I was capturing and saving artwork within 15

minutes of start up. Migraph has 100, 200, and true 300 and 400 dots per inch resolution, three halftone settings and a line art setting plus a light-dark control. The results are outstanding. With practice you can reproduce drawings with very fine detailed lines. One word of caution. Scanners are memory hungry devices. One meg of RAM is the minimum, three are recommended for Migraph. Along with the scanner is a program called "Touchup." Although supplied as a pre-release version the Touchup software seems like a very powerful and detailed program with several nice features. Touchup lets you save your pictures in IFF, IMG, ILBM, TIF, PCX, MacPaint, Printmaster, and EPS form. Scanners are fast and easy. The cost of a hand scanner is around \$325. I like mine, and I recommend a hand scanner for any one who likes or needs to import flat art work. The happy guy clip in this article was taken from a book of clipart with Migraph. My son wanted me to take the Simpsons scan. Enjoy!...Kurt



# FREE

## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

JULY 18th 1990 7:00pm

### Next Exec. Bd. Meeting:

July 25th 1990 7:00pm

(at Western Sizzlin)

Fairview Heights, IL.

### Next Copy Session:

July 21st 1990 (at) City Hall  
Fairview Heights, IL

### Visitors Always Welcome

### At Meetings

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P.O. Box 1839  
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VOLUME 7

July 1990

Number 7

**Check your dues date!**

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

August 1990

Number 8

## VIEW FROM THE TOP

By Juanita Welker

The July meeting has come and gone. I want to thank all who brought programs to demo and my husband Ken for bringing his equipment to the meeting.

We have learned that the Art Fair Committee failed to list us as a vendor for the up coming Art Fair. How it happened I cannot even fathom a guess but we will not be manning a booth at this event. I want to thank all the members who signed up to work.

August is showcasing drawing programs. I still need someone to demo a program for this meeting. Any takers!!

I want to remind all members that any member can join or reup at the August meeting for \$10.00 per year. This is \$5.00 off the regular membership price of \$15.00 per year.

The Copy Session was held on 7/21/90 and we had three members take advantage of this session. We gained one member at the session.

I will be asking for help with the nominating committee at the next meeting. If anyone would like to serve or run for an office for 1991 please let us know. The Officers and Board would welcome your participation.

September meeting is slated for our auction. I will announce in August the person in charge of this function.

Now some serious things to think about. Our club is at a crossroad. Do we continue to try to provide a meaningful club for just Commodore Users or do we change our format and become a computer users group. So many of the clubs that were Commodore Users groups have changed their

formats. They now allow different computer users into their group. I am not saying that this is what we should do. What I guess I am trying to say is that our group is fading and we need to have some input from members on what it is YOU want to do. More and more of our members have upgraded to the Amiga which is the logical move but I and you know that not everyone can afford to do that. There also members that do not want to upgrade. They like the 64 or 128, as the case may be, because it provides what they want. These are things we need to think about. Talk it over with other members and let us know what you think. I don't think that we need to rush into anything but I do think we need to talk about the problems facing this club and come up with some solutions or viable alternatives.

One problem is going to be finding a slate of officers to run for office this November. Will you serve? Will You Run?

---

## Notice--C64 Demo--Notice

Larry Briggs Ed.

At the regular meeting night August 15th, there will be a demonstration by Bill Broda on the C64, "OFF BEAT APPROACH To DRAW PROGRAM", Bill urges members to bring TV's, "not a monitor", so we can use our new gadget to broadcast the program to your TV, then we do not have to crowd around one monitor. We did this once before and it was quite successful. Need I remind you to also bring an extention cord and the antenna, "Rabbit Ears".



# Reports

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## Treasure's Report

By Ken Welker

Balance July 1, 1990. \$1445.90

I  
N D.O.M. SALES.....\$ 80.00  
C BLANK DISKS.....\$204.25  
O MEMBERSHIP.....\$ 40.00  
M 50/50 RAFFLE.....\$ 8.00  
E SODA.....\$ 4.30

JULY INCOME.....\$336.55

E  
X NEWS LETTER.....\$ 84.90  
P  
E POSTAGE.....\$ 15.00  
N  
S BLANK DISKS.....\$233.30  
E

JULY EXPENCES.....\$333.20

CURRENT BALANCE.....\$1449.25  
AS OF AUGUST 1, 1990

# Editor's View

by Larry Briggs

by Larry Briggs

There is not much to report on this month, so I will remind you to gather all the software and hardware that you have no more use for, and have it ready to bring to the September meeting. As been reported, this is the club's auction night. Many of you are purchasing Amiga's, so there should be a lot of 64/128 machines as well as software that could be turned over for some needed cash to buy some programs for your new Amiga computer.

At the recent copy session, it was disappointing to see only three members attend with their computers, the Librarian, Everett Truttmann spent the day with not much to do, he may not be willing to bring all his equipment to the next one. If we have another one... There is a lot of good public domain programs in our library, and more is being added all the time, you should take advantage of this service, especially you new Amiga users. We have most of the Fred Fish and Amacus disks, the list is being updated on a regular basis.

Also, please be reminded that election of officers will be coming up soon, I know some of you would make a good leaders if you would just try. I know for sure that some of the present officers will not reup, so please enter your name on the ballot and have some new input to your club, it is your club. Do not let it CRASH.!

Somewhere I read a story of a woman who wanted a divorce. She went to the courthouse and appeared before the judge. The judge reviewed her petition and asked, "Do you have grounds?" The woman looked at him quizzically and said, "Grounds? Well, yes your Honor, we do have about an acre and a half." "No," said the judge, "what I mean is, do you have a grudge?" The bewildered woman replied, "No, we just have a carport." The judge was becoming frustrated. "You're not getting the point," he said, "Does he beat you up?" The woman replied, "Oh, no, I'm up at 6:30 and he doesn't get up until 7:00."

The judge was exasperated. He looked at the woman and asked: "Look, Lady, why are you here? What reason do you have for wanting a divorce?" The woman replied, "Because my husband and I have a communication problem."

Author unknown.

## Secretary's Report

by Bertha Koerper

### GATEWAY COMPUTER CLUB MEETING FROM JULY 18, 1990

The meeting was called to order at 7:10 p.m. All board members were present. The secretary's report was read and accepted. The treasurer's report was also read and accepted. Editor Larry Briggs talked about going to the the AmiExpo in Chicago with Bill Broda. They both stated that they had a very good time. Bill also attended classes while there. Librarian/Membership Everett Truttmann announced the club has 49 members. A reminder was made about the copy session to be held on July 21. The table the GCC had set up at St. Clair Square for information went very well. They meet a lot of nice people. The Art Fair was talked about and a sign up sheet was passed around for workers. This sheet will be taken to the Executive Board meeting where it will be determined if we will have enough workers to cover the fair.

**NEW BUSINESS:** If anyone has a copy of the clubs bylaws, please give a copy to Juanita Welker. She cannot find her copy and they need to be looked at with the possibility of updates being made. Juanita also needs to get a nominating committee together to come up with nominees for the 1991 board members. If anyone is interested, please let Juanita know. We received a letter from the Harrisburg Area Computer Group out of Harrisburg, PA. asking if we would be interested in corresponding with them. Ken Jeffress announced that "Compute", computer magazine is changing their format and name, and will deal more with Amiga instead of the 64 and 128 computers. Juanita stated that the correspondence from other computer groups has dropped as far as groups involved in 64 and 128's. The interest is mainly in Amiga, IBM, etc. The Vice President and MAL's had nothing to add. The 50/50 raffle was won by Everett Truttmann for \$8.00. A demonstration was given by Ken Welker on Dbase III and the meeting was adjourned at 8:45 p.m.

# D.O.M. for the C64

by Everett Truttmann

AUG 1990 GCC 64 DOM

13	"M	"	PRG	Load "m", 8, 1 or each program by file names.
7	"SMILE DARN YOU	"	PRG	Please do.
4	"JOYSTICK TEST 64"	"	PRG	Utility-will check both sticks.
12	"SOLISTER	"	PRG	Utility-Takes you inside a program.
Interesting.				
14	"INTERMODULATE	"	PRG	Utility-This will check radio frequencies
33	"ALIEN CITY	"	PRG	Arcade game. Small
11	"ARROW	"	PRG	Game
25	"ASTRO LOADER	"	PRG	Loads astro panic game. Small arcade game.
27	"CHOPPER RUN	"	PRG	Game.
10	"DRIVER	"	PRG	Game-Try to keep car on the road.
2	"GEISTERHAUS	"	PRG	Game-Can't even pronounce it and it looks tough too.
78	"GEISTER.CODE	"	PRG	Game-Has some action.
2	"THOSE LOADER	"	PRG	Music- Loads song, those were the days.
21	"THOSE WERE THE	"	PRG	Music.
6	"STM MEMORY TEST	"	PRG	I don't no, this could make the mind do strange things.
45	"MONTANA.64	"	PRG	Card game.
11	"ESP_TEST	"	PRG	The results may shock you.
28	"LIBRARY CARDS.C	"	PRG	Can keep records of all your books.
29	"BRIDGE	"	PRG	Helping hand for bridge players. Could help your game.
4	"CHESS LDR	"	PRG	Game.
16	"DIR MANGLER INST"	"	PRG	Utility-This program will let you do all sorts of things to the directory.
7	"DISK TIDIER	"	PRG	Utility-Might be useful.
6	"DOUBLE PINBALL	"	PRG	Game-Give it a try, you might like it.
11	"MATH MAZE	"	PRG	Educational game.
57	"MOMMY SLITHER.C	"	PRG	Game-?
43	"NUKE BUSTER	"	PRG	Arcade game-Small.
38	"WORLD CONQUEST	"	PRG	Game.
5	"MENU INST	"	PRG	Utility-Locates track & sector of your disk.
6	"FINIS	"	PRG	The end.
3	BLOCKS FREE			

# D.O.M.

for the AMIGA  
by Jim Tomlinson

AMIGA DISK OF THE MONTH August 1990

**DEMOPIC.THE** - A picture in dynamic hires that demonstrates the capabilities of The Art Department; a new graphics editing program. Just click the icon.

**MENUCAT** - An older file cataloging program with some nice features. Read the Docs to get the most of this program.

**SUBWAY** - Here is a cute graphic and sound demonstration from an overseas computer group. This must be run from the CLI or SHELL to run properly.

**LHARCA** - If you thought that it was too hard to send programs to a friend because the archive programs use the CLI, well here is the answer. Lharca uses a graphical interface to make archiving a matter of just point and click.

**SHOWPIC** - A set of seven pictures dealing with outer space. First, a picture of the moon from earth (this was retouched with DPAINT III). Second, a picture of Mercury, then other planets and some of their moons. Also a picture of Halley's comet.

**BUNNY** - Although too late to get in on the contest that this game was generated for, it is still a challenging puzzle. Can you get all the eggs around the rabbit's eye?

Coming next month- Some Gary Larson cartoons and a demo of the astronomy program Distant Suns

# D.O.M.

for the C128  
by Ken Jeffress

```
!
! "GCC DOM128 AUG90" KJ 2A
!
!
! 12 "MENU 128 / RUN" P 1 "BOOT S. PRO" P !
! 3 "USA 128" P 65 "SPRITE PROCESSOR" P !
! 44 "GAMMON" P 1 "*****" U !
! 133 "TRIVIA CROSSWORD" P 4 "128 SANDERS" P !
! 123 "AT STRUCTURE III" P 2 "A-MAZE-ING" P !
! 53 "THE HUNTER" P 8 "AUTOBOOT MAKER" P !
! 1 "<><><><><><><>" U 6 "BACH 13" P !
! 5 "EDTASM.DOC" S 3 "C128-ARCCENTER" P !
! 32 "128ASM" P 5 "DIRECTORY ALPH" P !
! 13 "128EDT" P 8 "DISK MENU.40" P !
! 1 "<><><><><><><>" U 20 "FKEY.TEMPLATE" P !
! 27 "128 LETTER WRTR" P 91 "LOTTO" P !
! 2 "CHINA MUSIC" P 0 BLOCKS FREE.
! 1 "*****" U
!
```

# JiffyDOS

Commodore disk drives, especially the 1541, are notoriously slow and difficult to access. In the past two years, however, a plethora of accelerator/DOS hardware accessories has flooded the market in an effort to speed things up. I like one called JiffyDOS.

Accelerators can be very confusing, even to seasoned Commodore enthusiasts. Let's first try to make some sense of the different methods.

There are three major types of additions: cartridges, serial bus ROM replacements, and parallel bus ROM replacements. Cartridges are the most popular because they are the least expensive and easiest to install, and they offer the widest range of extras. You can plug them into any 64 or 128. (Only one cartridge, to my knowledge, works in native 128 mode.)

Among the many added features are freezers/backups, hi-res screen dumps, disk and single-file copiers, monitors (including disk drive monitors), and predefined function keys. Some offer BASIC extensions, such as toolkit commands, and others function with more than one kind of disk drive.

Cartridges, though, have disadvantages, too. They tie up the expansion port and do not permit memory expansion or the simultaneous use of other cartridges. You can achieve considerable acceleration with cartridges, but not as much as you can with other methods. Many cartridges speed only load operations, leaving important disk functions, such as saving, validating, and formatting, at their normal slow speed. Perhaps most importantly, cartridge accelerators work only on program files. Many files, such as those used by word processors, databases, and spreadsheets, are sequential. Cartridges don't accelerate these at all. Most cartridges are priced in the \$30-\$70 range.

Serial and parallel ROM replacement methods require some internal installation, usually in both the computer and the disk drive. Although installation is straightforward, documentation is good, and user risk is low, mechanically uninclined computerists may shy away from tinkering inside their machines. Assembly takes about two hours, and the change is semipermanent.

Serial ROM replacement is preferable to other methods in that it leaves all connectors free. The expansion port is open for other cartridges or memory expansion, and the user port can accept a modem. Compared to cartridges, ROM replacement has additional advantages. There is an overall speed increase; all disk functions are accelerated; there is considerably less program/hardware incompatibility; and all file types share in the speed increase. Of course, ROM replacement offers few, if any, cartridge extras.

With respect to portability, serial ROM is a little better than parallel. There is no extra connecting-cable between the CPU and disk drive to unplug, wind up, or get in the way. Serial ROM replacements run in the \$50-\$80 range.

Be aware that a ROM replacement chip for only the computer and not the drive is the equivalent of a simple cartridge. Though less expensive than cartridges, these chips require installation and cannot be used with different machines. Their smaller capacity greatly restricts any extras. Slower speeds and restriction to program files also make them similar to cartridges.

If you are interested in blinding speed for all functions and all file types, the parallel bus ROM replacement (computer and drive) is for you—if cost is no object. At \$100-\$200, this method can cost several times the serial option. Aside from the required connecting cable (which precludes concurrent modem usage), speed and price are the only significant differences between the two replacement types. Parallel ROM replacement is currently available only from overseas sources and for the 1541 disk drive. One word of warning: If the system does not replace the disk drive ROM as well as the computer Kernel, performance will be no better than (if as good as) a serial ROM replacement.

Enter JiffyDOS from Creative Micro Designs. JiffyDOS employs the serial bus ROM replacement variety for both CPU and disk drive. It sells for \$49.95 for the 64 version and \$59.95 for the 128. The extra cost for JiffyDOS/128 is more than justified; you get an extra ROM—one for 64 mode and one for native 128 mode. I tested JiffyDOS/128 with a 1541 disk drive and experienced no problems.

JiffyDOS is available for all models of 64, SX64, and 128, as well as every type of disk drive: 1541, 1571, 1581, and most compatibles. For multiple-drive systems, additional ROMs are available for \$24.95. CPUs and disk drives can be freely mixed and matched; any computer ROM will work with any drive ROM or combination of drives. Third-party compatible drives for which ROMs are currently available are FSD-1, FSD-2, Excel 2001, Enhancer 2000, Blue Chip, and Swan. The MSD-1 and MSD-2 versions are expected shortly. Instructions are specific to your computer and drive; specify your particular hardware configuration when ordering.

Installation is the simplest I have encountered. For all three JiffyDOS/128 ROMs, the mini-circuit boards are barely larger than the chips themselves. Simply pry the three ICs from their sockets and insert the new miniboards. Instructions and illustrations are excellent. Model differences in 1541 circuit boards are given special attention. (There are four types.) The substitute boards are so small that, unlike

other products, they do not interfere with replacement of RF shields on either computer or drive.

JiffyDOS sports many fine features. Not the least of these are active company support and a money-back compatibility guarantee. If you find incompatible software or hardware, return JiffyDOS for a full refund. Creative Micro Designs admits that a few newer heavily copy-protected programs won't load. For these, there is the JiffyDOS on/off switch mounted on the computer and drive. (Only the 1541 drive requires a switch; mode selection is automatic with the 1571 and 1581.) Another unique feature: JiffyDOS can be switched in or out with power on. For some programs, this may permit turbo data-file access even when the original software won't fast-load.

Another real plus is the documentation. This well-produced booklet is among the most readable and error-free I've seen. It contains little jargon—just well-organized, useful facts. Particularly informative is the extensive commentary on how to get maximum speed out of JiffyDOS.

JiffyDOS has a particularly well-thought-out scheme of preprogrammed function keys. The definitions are switched out automatically during program execution to avoid possible interference, and they can be defeated or recalled at any time. They are designed to work in conjunction with a directory list to the screen. This greatly facilitates many disk operations, including file deletions.

Standard DOS Wedge syntax is followed, and 14 new commands have been added. These include the ability to list text files or BASIC programs directly from disk to screen or printer, dump screen to printer, lock/unlock files, unnew, and load and run ML programs in three different ways. On JiffyDOS/64, you can also disable/enable 1541 head rattle.

In addition, all commands can be used in program mode as well as in direct mode, and commands can be chained. String variables are allowed in command statements within BASIC. This facilitates the writing of utility programs that incorporate the JiffyDOS wedge.

In short, JiffyDOS is a dependable, reasonably priced product that greatly facilitates and speeds up disk access. It is highly software-compatible and is available in a multitude of computer/drive configurations. I particularly recommend it to those needing an expanded, user-friendly DOS Wedge and considerably faster data file communication within programs. For MIDI applications, databases, word processors, and spreadsheets, you'll save a lot of time and frustration.

—Art Hunkins

Reprint from May 1990  
The Power Pacc, (ed.)

# FUTURE SCHLOCK

by Lincoln Spector

Joshua Fenderbender removed the shrinkwrap from his copy of dBase XVI, broke the disk seal without reading the licensing agreement, and emptied the eighteen penny-sized optical disks onto his desk.

"Eighteen disks?" he thought. "Just last year the biggest application didn't take more than twelve gigabytes."

Taking out a magnifying glass, he studied the labels until he found the installation disk. He was about to start installing the program when his phone rang.

"Josh," said the familiar voice on the other end, "this is Ron. I see that you just got your new dBase."

"Yeah," Josh signed. "I presume you want to come look at it."

"If that's oK with... hang on." There was silence on the line for a few seconds. "Okay, I'm back. The car in front of me moved three feet."

Ron Whiteperson was a very dedicated worker, devoting an average of fourteen hours a day to his job. Of course, twelve and one-half of those hours were spent on the freeway, navigating the 28 mile commute from his home. But as his car seldom moved, this proved to be a perfect place to get his work done.

Joshua, who did not like spending time in a parked car, had tried to get permission to work at home. When the permission was denied he did the only thing he could: he divorced his wife and moved into the office.

"Ron," said Joshua, changing the subject, "have you given any more thought to the bus problem?"

"Bus? I haven't seen a bus on the highway for eight years."

"No, I mean computer busses, not commuter busses. Architecture. Jesse wants us to standardize on the IBM's TinyChannel. He's worried that anything else will become obsolete."

"Well, they're now saying that the next version of 1-2-3 will run only on the TinyChannel."

"Really?" exclaimed Joshua. "I thought Release 3 was gonna be multi-platform."

"look as far as I'm concerned," Ron replied, "Paperback Software can do anything with it they like. Hang on, I've got to move up a few inches."

oo

Later that day, Joshua was helping Nancy Drummerdangger install a new modem chip in her Next Workstation. To be more specific, it was the new Haze 9688 Giggabaud Modem, mounted on a revolutionary animated-silicon chip. This made its installation a bit of a challenge.

"Are you ready?" asked Josh, holding the box closed. Nancy nodded. "good. Now, I'm going to open this box very slowly. When I do, I want you to grab the chip before it gets away. Get it?"

"Got it."

"Good. Okay, here goes."

Nancy tried, but the chip was too fast. Leaping out of the box and onto the floor, it scurried beneath her desk.

"Sorry," she said. "Now what?"

Josh took out a bowl and sprayed it with antistatic solution.

"They love this stuff," he explained as he put it on the floor near the desk. They sat down on the floor to keep an eye on it.

"Joah," asked Nancy, "have you ever heard of OS/3?"

Josh thought about this for a moment. "Sounds vaguely familier. Wasn't that an operating system during the dark period?"

"I think so," said Nancy. "It's pretty hard to find anything about that time." All information from the 1988's and early 90's worldwide had been destroyed by the Great Virus of 1996. "Why do you ask?"

"Well, I was cleaning my closet last night, and I stumbled upon an old newspaper..."

"Newspaper?" asked Joshua. "Yeah, newspaper. Sort of like a daily hardcopy bulletin board."

"Hardcopy?"

"Yeah, where you use ink to transfer data onto paper."

"Paper?"

"A flat, bendable material made from trees.... don't ask. Anyway, this article was saying the makers of OS/3 were being sued for what they were calling 'look and feel.' Now how can an operating system constitute sexual harassment?"

"I don't think that's what it meant," said Josh. "Look and feel' is when one program completely takes over a computer and won't let another program in."

"Isn't that what they used to call proprietary techno...."

Just then the lights went out. Josh got up and started groping for the light switch. He was tangled in a chair when Nancy found the switch and turned the lights back on.

"Are you alright?" she asked.

"I think so. Now if I can just....look!"

Nancy looked where he was pointing. The bowl of antistatic solution had disappeared.

"Dang!" he said. "Those chips are getting smarter all the time!"

THE END

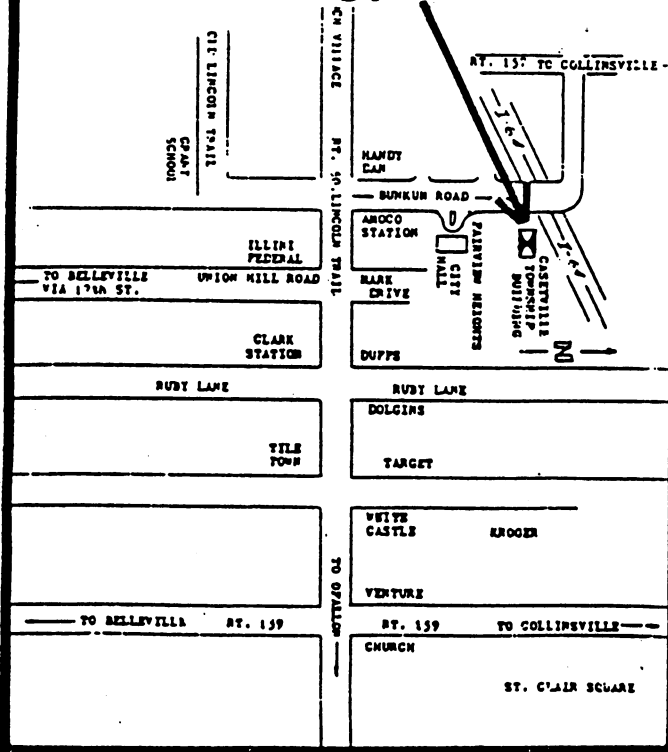
Reprinted from May 1990 The Town Cryer, Heartland Users Group

Reprinted April, 1990 INTERFACE, Fresno Commodore User Group

Reprinted Los Angeles Computer Currents via A.B.A.C.U.S. Script,

Bakersfield Area Commodore Users Society.

## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

AUGUST 15th 1990 7:00pm

### Next Exec. Bd. Meeting:

AUGUST 22ND 1990 7:00pm

(AT WESTERN SIZZLIN)

FAIRVIEW HEIGHTS IL

### Next Copy Session:

At Regular Meetings

## Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
**P.O. Box 1839**  
**Fairview Heights, IL 62208**



Volume 7

August 1990

Number 8

**Check your dues date!**

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

September 1990

Number 9

## View From The Top

by President Juanita Welker

-By Juanita Welker

September is upon us and this is the month of our auction.

This should be a very good auction because I have heard that those members who have upgraded to the Amiga will be bringing in a lot of 64 and 128 hardware. So gather your neighbor or friend who might want to purchase some equipment and bring them along to the meeting on 9-19-90.

I still am looking for someone to head up the nominating committee. Remember we have an election coming up in November and we must have a slate of candidates.

The club decided to extend the membership discount to new members only up to the September meeting. It was also decided to allow military memberships of a half year for \$7.50.

Good news for all you disk buyers. The price of 5 1/4 disks has been lowered to \$8.00 for 25 disks. The price of 3.5 has been lowered to \$.50 each.

Does anyone have a program they would like to see demonstrated at the October meeting? Just let me know and I will try to accommodate you. Maybe you could bring one of your programs to show us.

Please check this newsletter for a form to use if you are bringing merchandise to the auction. I hope we see a good turn out for auction.



Mark your calendars now for the most exciting Amiga event ever to be staged in the mid-west. The World of Amiga computer show and sale will be held October 5-7, 1990 10am.-5pm at the Rosemount O'Hare Exposition Center.

This is your chance to find the biggest selection of Amiga products and services at the best prices. Commodore Business Machines will join manufacturers, distributors, dealers and publishers to bring you everything imaginable to make computing more creative, more productive and more fun.

Experts will be on hand to answer your questions as well as host a series of seminars. these are included with your admission at no extra charge.

General admission prices are:

\$10.00 Single day

\$25.00 Three day admission package

Pre-registration prices are

\$8.00 One-day registration

\$20.00 Three-day registration

Make check or mont order payable to:

THE HUNTER GROUP INC.

3380 SHERIDAN DR., STE. 120

AMHERST, NY 14226

Phone (416) 595-5906

Deadline for advance tickets and pre-registration is September 18, 1990.

Reprint from the August 7, 1990 The HUNTER GROUP INC. news bulletin. ed.(edited)

## Notice Notice

The price of blank disks have been declining for some time. the club had reduced the cost to our members as a result of this. Now the club has reduced the price again. good news...

25-5 1/4 disks for.....\$8.00

3 1/2 in. disks for \$.50 each



# Reports

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, IL 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## Bits & Chips

Please direct all submissions and advertising to Editor Larry Briggs, 1021 Lafayette Ct. Collinsville, IL 62234. Camera ready advertising must be received by the first of the month to be included in the issue of the month. Rates are as follows: Full page- \$15.00, Half page- \$7.50, Quarter page- \$3.75, and business card -\$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## The Officers

PRES: Juanita Welker.....234-5901  
VP: Earl Salmons.....397-5029  
SEC: Bertha Koerper.....452-5110  
TRES: Ken Welker.....234-5901  
LIBR: Everett Truttman.....632-4735  
EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasure's Report

By Ken Walker  
Balance Aug. 1, 1990. \$1449.25

I  
N D.O.M. SALES.....\$ 57.50  
C BLANK DISKS.....\$341.00  
O MEMBERSHIP.....\$ 60.00  
M 50/50 RAFFLE.....\$ 6.00  
E SODA.....\$ 4.02

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AUG. INCOME.....\$468.52

E  
X NEWS LETTER.....\$ 46.90  
P DOWNLOADS.....\$100.00  
E POSTAGE.....\$ 10.00  
N MISC.....\$ 65.00  
S BLANK DISKS.....\$250.20  
E FILM.....\$ 7.50

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AUG. EXPENCES.....\$479.60

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CURRENT BALANCE.....\$1438.17

AS OF SEPT. 1, 1990

# Editor's View

by Larry Briggs

## AUCTION TIME

When you come to the September 15th Meeting bring anything for a computer that you do not need any longer. If you have changed to an Amiga, like many of us have, you must have a lot of good hardware and or software that you can auction off to help pay for some Amiga software. You can use the form below to list your stuff, so you will have a record of what you bring to the sale. Please bring your friends and neighbors that have a lot of money, bring some money yourself.

Please note: The Board meeting night has been changed to the first Wednesday of the month, the reason is that we lost the large meeting room to the Chamber of Commerce. We were moved to the rear of the Restaurant and it is much too noisy to hold a meeting.

The time is "now". The election of officers will be in November, we need some members to volunteer to run for an office. It does not take a lot of your time. Two evenings a month, and you can help plan for things to do at the general meetings. Perhaps you can think of something that has not been done before. We need new input, new ideas, anything that will make the meetings more interesting.

As you can see, this months newsletter has been reduced to six pages, Please, someone, anyone, write an artical and submit it to me for the N E W S L E T T E R . Please.!!!.....ED.

### AUCTION FORM

NAME \_\_\_\_\_ NO. \_\_\_\_\_

ITEM \_\_\_\_\_

NAME \_\_\_\_\_ NO. \_\_\_\_\_

ITEM \_\_\_\_\_ PRICE \_\_\_\_\_

ITEM \_\_\_\_\_ PRICE \_\_\_\_\_

ITEM \_\_\_\_\_ PRICE \_\_\_\_\_

ITEM \_\_\_\_\_ PRICE \_\_\_\_\_

ITEM \_\_\_\_\_ PRICE \_\_\_\_\_

Please mark you items with lowest price you will accept.  
Remember the club gets 10% of price you get for your item.

## Secretary's Report

By Juanita Welker

### GATEWAY COMPUTER CLUB MEETING FROM AUGUST 15, 1990

The meeting was called to order at 7:05 P.M. Eight board members were present. The Secretary's report as it appeared in the Bits & Chips was approved. The Treasurers report was accepted as read. Librarian/Membership Everett Truttmann announced the club has 48 members.

#### Old Business:

It was reported to the membership that our name was not included as a vendor for the up coming Fairview Heights Art Fair. Our club will not participate in the event. The auction will be handled by Dan Deutschmann, Bill Broda, and Jim Tomlinson.

It was decided to extend the \$5.00 discount to the September meeting for new members only.

#### New Business:

L.Briggs asked about the club purchasing two video tapes on the Amiga. One was titled "Getting Started with Your Amiga". D.Deutschman informed the club that he has this video and will donate it to the club library.

Carlos Mariles asked about a half year membership for military personnel. The motion was made, seconded and passed. The fee will be \$7.50.

Ken Welker pointed out to club members that the disk prices have been comming down and asked if we wanted to lower our prices. A motion was made, seconded and passed to lower disk prices to the following--5.25 disks will be \$8.00 for 25--3.5 disks will be \$.50 each. This was approved, effective immediately.

The Club had several pieces of correspondance and received a shareware disk entitled "Bank Account".

The meeting was then adjourned.

If you look like your driver's license photo, then in all probability you need a vacation.

# D.O.M. for the AMIGA

by Jim Tomlinson

## September D.O.M.

**Amigo\_File** - Here's a neat little database program that is just right for doing an address book or phone list. Simply click it's icon to run it. Help is built in.

**EUCHRE** - A challenging card game for the whole family, this is the first good version I've seen. Although fairly straightforward, the documentation is also provided.

**PICTURES** - If you like off-beat comedy, then maybe these Gary Larson cartoons are your cup of tea. Simply click the picture icon to start it going; click to see the next picture.

**TrackSalve** - A public domain disk recovery program that does a good job. Although it runs from the CLI, the documentation can be viewed from workbench.

**TumblingTots** - Can you shuttle the babies safely from the burning building to the ambulance? Only fast reflexes can save these poor kids. Documentation is viewable from the Workbench.

**VirusCheckers** - Here are three virus scanners, including version 4.01 of VIRUSX.

COMING NEXT MONTH--- Pipeline, keep that liquid flowing! -  
--COMING NEXT MONTH

# D.O.M. for the C128

by Ken Jeffress

"GCC DOM128 SEP90" KJ 2A

12	"MENU 128 / RUN"	P	1	"-----"	U	31	"LC NILE.LSN"	S	111	"A.D.D. 128"	P	1	"KEN JEFFRESS"
102	"BASIC INTERPUTER"	P	131	"LC OFFLINE V1.0"	P	7	"LC-ATLAS.QUZ"	S	5	"DIRECTORY ALPH"	P	0	BLOCKS FREE.
2	"A-G"	S	17	"LC-RAVEN.QUZ"	S	14	"LC-ANALOGY.QUZ"	S	1	"GATEWAY"	U		
2	"H-P"	S	28	"LC RAVEN.LSN"	S	1	"-----"	U	1	"COMPUTER CLUB"	U		
2	"R-X"	S	8	"LC-NILE.QUZ"	S	186	"ELEM PARTICLES"	P	1	"COMPILED BY"	U		

# D.O.M.

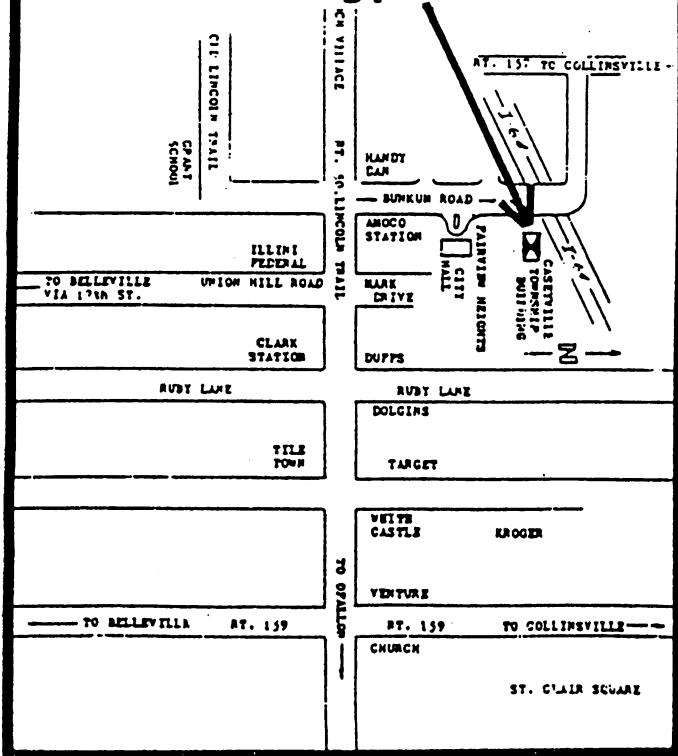
for the C64

by Everett Truttmann

## SEPTEMBER, 1990 GCC 64 DOM

13	"M	" PRG Load"M",8,1 or each program by file names.
7	"SMILE DARN YOU	"PRG Please do.
4	"DISK DEFAULTER	"PRG Utility
4	"REM'LESS REMS	"PRG Utilitty-can be used by programers.
3	"SLOW LISTER	"PRG Utility-Don't no what it's good for, hope you do.
36	"ANNIHILATOR	"PRG Arcade game.
9	"BIG 6	"PRG Game-dice.
15	"BIG 6+	"PRG Game-dice.
23	"CRAZY POPPER	"PRG Game.
64	"FLAGS	"PRG Educational-flags of many Countries.
31	"FOREST WALK	"PRG Game-played with words.
57	"HAUNTED HILL	"PRG Game-Has some action of interest.
15	"HOT ICE RACE	"PRG Game-I can do this one.
15	"EZ BIG ALPHABET	"PRG Utility-Shows how to make big letters.
2	"FAKE PRINT AT	"PRG I don't no, maybe you can figure it out, I hope so.
3	"COMET	"PRG Picture- A short motion picture.
4	"OWL	"PRG Picture- NO more then that.
2	"PASSWORD MAKER	"PRG ?.
26	"SCENARIO	"PRG Novelty- Hope this makes you smile, I hope.
23	"SQUEZZER	"PRG Utility- Program compressor.
15	"ATOM HANDBALL	"PRG Game-Another bouncing something game.
4	"SPIRAL	"PRG Novelty- Kind of neat, try it and see.
9	"LINCOLNSHIRE	"PRG Music- Very short.
9	"RANDOM MUSIC	"PRG Music- Strange sounds.
4	"KALETDOSCOPE	"PRG Novelty-These are always neat to watch.
13	"LIFE	"PRG Game.
5	"TRON	"PRG Game-some kind of dot game.
12	"THREE OF A KIND	"PRG Game-With words.
10	"BIG TIME	"PRG Novelty- Makes a big clock on the screen.
8	"VALCANO	"PRG Picture-some action.
5	"COMPUTER TAMER	"PRG Utility-every one needs this at one time or another
17	"COMPUTER TYPEING	"PRG Game-for typers.
4	"DONT TOUCH	"PRG Bet you can't.
101	"ELECT DEMO	"PRG Game-lets play house.
2	"PIG LATEN	"PRG Novelty-comes in handy when you go to the farm.
3	"VOICE LDR	"PRG Novelty-this will get you for sure.
20	"CHECKERS	"PRG Game-this one is a little better, I think.
16	"SPEED BOAT RACE	"PRG Game- please drive carefully.
4	"SCREEN HARDCOPY	"PRG Utility-to be used with a program or any way you wish.
6	"FINIS	"PRG I bet you'r glad.
10	BLOCKS FREE.	

## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

September 19th 1990 7:00pm

### Next Exec. Bd. Meeting:

October 3rd 1990 7:00pm  
(AT WESTERN SIZZLIN)  
Fairview Heights Il

### Next Copy Session:

AT REGULAR MEETINGS

### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
P.O. Box 1839  
Fairview Heights, IL 62208



Volume 7

September 1990

Number 9

**Check your dues date!**

# First Class

# Bits & Chips

## of the Gateway Computer Club

Volume 7

October 1990

Number 10

### VIEW FROM THE TOP

By Juanita Welker

September is gone and the feature for October is nominations of officers. Hopefully we will have a slate to present to the membership at the October meeting. There will be a demo of graphics for the 64 at the October meeting.

I forgot to announce that the Board meeting night has changed from the fourth Wednesday of each month to the first Wednesday of each month. The change is because of the need to have a private room in which to meet. The Western Sizzlin Steak House has assured us of the availability of this room.

November is election month. Also we will demo music programs so everyone who likes music produced on their Commodore should bring their favorites to the meeting. Elsewhere in this newsletter you should find an interesting article on music programs.

I announced at the September meeting that Bertha Koerper has resigned as our Secretary. I just wanted to thank Bertha for all she has done for the club and the help she has given me since January. We will miss you at meetings.

I want to thank Laura Blackwell for keeping notes at the September meeting. Its hard to run a meeting and keep notes at the same time.

There was a lot of good equipment and software at the auction. Some of it was almost given away. The prices were really low.

After reading some of the other newsletters that the club receives I guess we are not the only user group that is experiencing problems with membership. Hopefully we will remain at a fairly constant level. If you know of anyone who would be interested in our group please invite them. We really enjoy having the visitors.

See you in October!!!!

### Micro Cookbook for the C64

by Charlotte Briggs

Do you have trouble keeping all the recipes you clip out of newspapers and magazines in some semblance of order? Are all the cards in your recipe file box dog-eared and full of spots? Commodore has a solution for you in a handy little program called "Micro CookBook".

It's a piping hot software package for your 64 containing 150 International recipes. Also you can enter hundreds of your own creations and store them on floppy disks. Micro Cookbook helps you plan meals, organize your shopping lists and modify a recipe. It features all these tables: metric equivalents and ingredient substitutions.

Since most recipes are for four to six servings, this program will automatically adjust quantities of each ingredient for the number of servings you desire. No more wondering ... "How many cups of flour do I need to make four loaves of bread instead of one?"

You will find it a useful and valuable tool in planning your meals. Now you can...TAKE The Byte Out Of Cooking!

---

Commodore, in co-operation with Gold Disk has started bundling software with the AMIGA 500. The disk is called Appetizer and includes a word processor, Paint program and a game. Although these are not as powerful as their counterparts on the retail market, they do have a great user interface.

First in line is the word processor called aptly enough, Write. It has most of the features you would expect in a word processor, and a little more.

PAINT seems to be a clone of the original Deluxe Paint in many respects. There are some examples and many modes including, "Spray can" for drawing your own art.

MUSIC looks really well done and has a couple of songs included with it. The instruments seem to be DMCS type files (this I believe is the 'de facto' standard and sounds rather nice. You can compose using "note" construction or via keyboard.

Finally, Tiles, is the old sliding tiles game, with some really nice graphics. The graphics, by the way were done using PAINT.

Overall, The disk seems to be better than any I've seen "bundled" with IBM clones. The AMIGA is the machine of the 90s and this disk is just the icing on the cake.

# REPORT'S

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SEC:Bertha Koerper.....452-5110  
TREAS:Ken Welker.....234-5901  
LIBR:Everett Truttman.....632-4735  
EDITOR:Larry Briggs.....345-0220  
MAL:Bill Broda.....533-0148  
Mal:Ken Jeffress.....234-4113  
MAL:Rich Koerper.....452-5110  
MAL:Jim Tomlinson.....624-3872

## Treasurer's Report

By Ken Welker  
Balance Sept.1, 1990. \$1438.17

.....  
I AUCTION.....\$ 30.80  
N D.O.M. SALES.....\$ 41.50  
C BLANK DISKS.....\$ 64.00  
O MEMBERSHIP.....\$ 75.00  
M 50/50 RAFFLE.....\$ 10.00  
E SODA.....\$ 4.79  
MISC.....\$ 65.00

.....  
SEPT. INCOME.....\$291.09  
.....

E  
X NEWS LETTER.....\$ 31.20  
P SOFTWARE.....\$ 75.00  
E POSTAGE.....\$ 15.00  
N BRIEF CASE.....\$ 19.95  
S BLANK DISKS.....\$209.00  
E VIDIO TAPES.....\$ 12.00

.....  
SEPT. EXPENCES.....\$362.15  
.....

CURRENT BALANCE.....\$1373.11  
AS OF OCT. 1, 1990

# Editor's View

by Larry Briggs

## Slate for Upcoming Election

President- Kurt Isbrecht  
Vice President- Earl Salmons  
Editor- Larry Briggs  
Treas- Open  
Secretary-Open  
Membership-Everett Truttmann  
Mal-Juanita Welker  
Mal- Ken Welker

The above names have been submitted by the nominating committee for the upcoming election in November. There are two vacancies to be filled, as well as candidates needed to run against the incumbents.

I know there are some members that are more than capable, that could enter their name to the ballot, be elected and do a fine job of directing the activities of the club. All you have to do is try, believe me, it is rewarding and a lot of fun. So let us not hold back, enter your name and get in there and make this the the best election that we have ever had.

Might I also remind you that four of six names on the ballot so far use AMIGA'S, so if you want more representation for the C64/128, now is your chance.

---

## Simons Basic

By Dr. Gary Vogel

If you enjoy writing your own C-64 programs, I'll bet you just hate trying to use sprites or music. As you already know Commodore BASIC requires an endless series of Peeks and Pokes and a knowledge of binary number if you want to move an object on the screen or even play a simple note. It is not a fun experience.

Fortunately a young English lad by the name of Simon has filled the void in Commodore's Basic Language. At the youthful age of 16 he created Simon's Basic. It adds over 100 well needed commands to BASIC and only takes up about 8000 bytes of space.

With Simons' Basic, sprites can be easily programmed with commands like CMOB, MMOB, RLOCMOB, DETECT, and CHECK. There is even an excellent sprite editor grid for designing the sprites. These five commands make simple notes very easy: VOL, WAVE, ENVELOPE, MUSIC, and PLAY.

Have you tried to create a high resolution screen on your C-64? You do it with something called bit mapping and then a whole bunch of Peeking and Poking. Once I had the Hires mode I still couldn't draw a line or a circle on it. With Simons' - no problem!! If you want a Hi resolution screen, then just type HIRES. What could be easier? Once you are in HIRES look at a few of the commands you can use: LINE, CIRLE, ARC (draws part of a circle), PAINT, DRAW, ROT(rotates a drawing), ANGL, TEXT(allows you to print any size text onto a HIRES screen).

There are also some fantastic screen manipulation commands. COPY allows you to dump a HIRES screen to a printer. HRDCPY dumps any low res screen to a printer. There are also several scrolling commands.

There are numerous debugging aids. TRACE displays the line numbers as the programs runs. DUMP displays the values of all variables after a programs has run. If you run a new program and then realize you forgot to save it, just type OLD and your erased program will be back in memory.

To put it quite simply, if you enjoy writing basic programs, get a copy of Simon's Basic. It makes programming the C-64 Soooooo easy

Reprint from December, 1984 Gazette written by Dr. Gary Vogel



# D.O.M. for the AMIGA

by jim Tomlinson

## AMIGA DISK OF THE MONTH

October 1990

**DrawMap2.0** - Here is a program that draws different perspectives of world maps. Features include Zoom in and out, mercatorial projection, globe and flat layout. Documentation is well laid-out and is available from workbench.

**PipeLine** - It seems a young man in Europe liked the game PIPE DREAMS but didn't want to lay out the cash for it. What did he do? He sat down and WROTE his own version of it. See how long YOU can keep the water flowing! Documentation is here too!

**RoadRoute** - Planning a trip? Well, here's a handy little planner that gives you point to point distances and any cities in between along with highway numbers. It is easily updateable and expandable. This is fast and well written (by Jim Butterfield) with good documentation.

**TextPLus** - A fully configurable text processor. Not bad for public domain!

**Tron** - The famous light-cycles game from the movie TRON. Fast-paced action.

**WellTrix** - When Tetris came out there were many 'clones' that came out. Now there is Welltris, the 3D version of Tetris, and here is a well programmed version of that game. This doesn't have the fancy backgrounds but it does have a top-ten score table.

**COMING NEXT MONTH**--- Chinese Checkers finally hits the computer age ---**COMING NEXT MONTH**

## Making Music

The following article is reprinted from the Gazette March, 1985

By Tom Metzger

There are a lot of music programs floating around out there. Many seem to be defective when all they need is a boot. Before scratching your only copy of a favorite selection, try one of the following to make it work.

First and easiest is to type in the following:

```
load "program name",8,1<return>
new <return>
sys30120
```

If this works, you may want to add the program to a memu driven boot. Here's how anyone can build a custom music boot.

Load the jukebox program from the March 85 DOM. Note that the first character in the name is a graphics character, so either load it from the directory or load "?jukebox". Next, list lines 400 to 700 by typing  
list400-700<return>

Note that this is a listing of the music selections the jukebox will play. You can add, delete or modify the menu in this area of the program, and then save the program on a disk with the music programs you have listed. You now have your own customized jukebox system. If you want to further customize your program, list the beginning of the program and change the name on the jukebox graphics, the way I did for the D.O.M.

The jukebox program has the advantage of good graphics and the ability to accept a number of selections or repeat selections. It also has the disadvantage of being incompatible with most programs which have their own graphics. To demonstrate this, load and run the jukebox program on the March disk and try to play "Over the Rainbow".

Now get out your February DOM 85 and load and list the program call "menu". You will find the menu entries begin on line 30600 and the loader steps on line 32200. List line 30600 and change the title to "Somewhere". Next list line 32200 and change the title to "over the rainbow". Now run the program and note the first selection.

If you now select 1 and hit <return>, the program will crash. This is because the program that "menu" is trying to select must be on the disk that is in the drive when you hit <return>. Similarly, the program name on the disk and the program name in the line 32200 must be exactly the same. Therefore, make sure the names are the same, insert the March disk and select number 1. The name in the menu list--line30600--does not match, and it need not.

You now know how to building a custom loader program for music programs which include graphics. Have fun!

# D.O.M. for the C64

by Everett Truttmann

## Oct 1990 GCC 64 Dom

9	"MENU	"	PRG	Load"menu",8,1 or each program by file names.
7	"SMILE DARN YOU	"	PRG	Please do.
23	"OBSTACLE COURSE	"	PRG	Game-Easy,you'll never know unless you try it.
8	"MINIATURE GOLF	"	PRG	Game-If you don't have any thing else to do.
27	"SPACEBELT	"	PRG	Game-Arcade type.
36	"SLOT MACHINE	"	PRG	Game-Good.
25	"CAR COSTS	"	PRG	Keep records of all your cars.
122	"BLUE THUNDER	"	PRG	Game-Helicopter on bombing mission,not to bad.
20	"SAUCER ATTACT	"	PRG	Game.The pictures are better than tha game, good.
5	"BYTE GETTER	"	PRG	Utility-Counts bytes used in any program.
37	"FILE BAR GRAPHIC"	"	PRG	Utility-Something to do
11	"CASH REGISTER	"	PRG	Educational-Math game.
15	"CLIFFY	"	PRG	Educational-Math game.
4	"CIRCLES	"	PRG	Novelty-Action picture.
15	"HANGMAN	"	PRG	Educational-Math game.
9	"CONTROTION CUBE	"	PRG	Novelity-Watch it change.
14	"MARBLSTAT	"	PRG	Game.
26	"ROBERTS RULES	"	PRG	I'm sure Carlos will be able to use these.
16	"SPACE LAUNCH	"	PRG	Picture-Action.
9	"MINUET IN G	"	PRG	Music.
36	"MORN HAS BROKEN	"	PRG	MUSIC.
11	"PRG INSTRUCTIONS"	"	PRG	Explains some of the programs on this disk.
53	"TIMES & DIVIDE	"	PRG	Educational-Math.
32	"MASH	"	PRG	Game-Helicopter.
6	"FINIS	"	PRG	That's all.

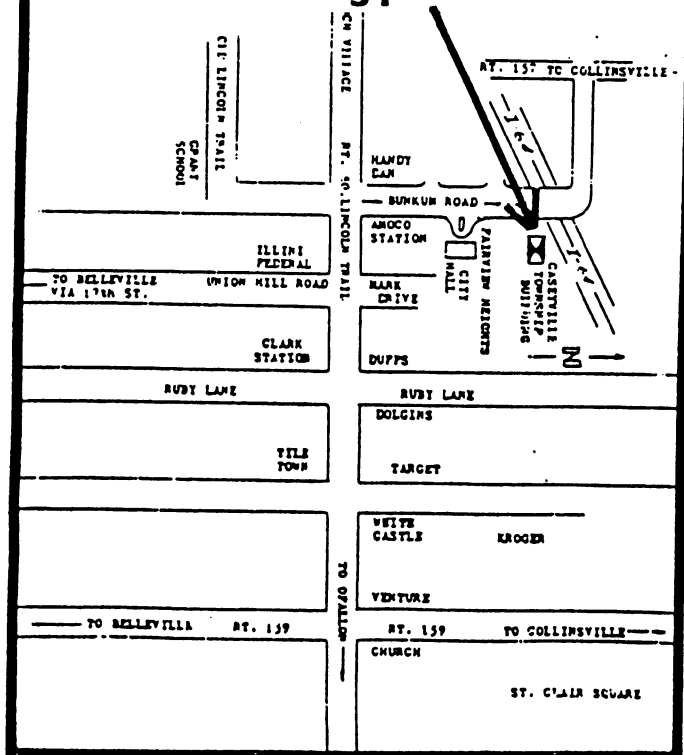
## GCC D.O.M.128 OCTOBER 1990

"GCC DOM128 OCT90" KJ 2A

RUN ME FIRST MAKES CHURCHMASTER

54	"MENU 128 V2.2"	P	23	"MATH128"	P	1	"PRG NAMES FILE"
181	"RADIOACTIVITY"	P	1	"=====	U	1	"GATEWAY"
17	"BURSTCOPY 1571"	P	51	"RUN ME FIRST"	P	1	"COMPUTER CLUB"
22	"DISH AIMER V2.29"	P	132	"MAIN"	P	1	"KEN JEFFRESS"
58	"BOWLING PAD3"	P	5	"IJ"	S	0	BLOCKS FREE.
107	"SIZEA/C128"	P	5	"JD"	S		
3	"CK VDC RAM"	P	1	"=====	U		

## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

October, 17th 1990 7:00pm

### Next Exec. Bd. Meeting:

November 7th 1990 7:00pm  
(at WESTERN SIZZLIN)  
Fairview Heights Il

### Next Copy Session:

At Regular Meetings

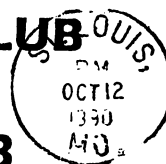
### Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
P.O. Box 1839  
Fairview Heights, IL 62208



Volume 7

October 1990

Number 10

**Check your dues date!**

# First Class

# Bits & Chips

## of the Gateway Computer Club

Volume 7

November 1990

Number 11

### View From The Top

By Juanita Welker

Its November and time for election of Officers for 1991. The slate of potential officers is as follows:

President	Kurt Isbrecht
Vice-President	Earl Salmons
Editor	Larry Briggs
Treasurer	Ken Welker
Secretary	Juanita Welker
Librarian	Everett Truttman
MAL	Dan Deutschmann
MAL	Charlotte Briggs

I would like to see some other members run for an office so the membership would have choices for each office. If you know of any member willing to give a little time and who could uphold the responsibilities of an office, please let me know.

November is traditionally the month of frost on pumpkins, turkey and dressing, and eating too much on Thanksgiving Day. All those football games on T.V. !!! Oh! I forgot. The kickoff of the Christmas season.. In the middle of all of these activities is our club meeting. Hopefully everyone will find time to attend.

We have Music as our featured demo for November. There will be a 128 at the next meeting. Bring your music you want to share with us. Bring a music program you like to work with and show us all how to use it. I am relying on the membership for the material to use for this demo.

We had some interesting things happen at our last meeting and I will try to summarize a few of them here. First we will start having door prizes. There will be a \$10.00 limit. Larry Briggs has offered to purchase some for the club. We probably will also give away some T shirts and caps. We also will be raffling off a \$25.00 gift

certificate each month. There were some other items mentioned that must be discussed at a board meeting.

Again this is Election Time and I would like to see a good turn out of members to run and cast their votes.

---

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### OVERVIEW

By Juanita Welker

At the October meeting a very informative demonstration was held by Bill Broda on Graphics and the 64. Bill showed us all how to capture a picture and use it in certain applications. Also how to use icons. He demonstrated how to move them around, change sizes and generally how one would use this feature on the software one might purchase. Thanks Bill for a really good demo!

I have had a couple of suggestions that I am going to pass along. One was the possibility of charging a fee for the copy session and use the clubs equipment for copying rather than having the members bring their own computers. If anyone has any comments I would be glad to hear them.

The next suggestion is that we demonstrate the gentle art of using the "arc program" and "DOMs". Do I have a volunteer to take care of this demo?

If any member has a suggestion for demos, or anything for that matter, let me know. I will throw it out at a board meeting or at a regular meeting and we all will discuss it. If you are uncomfortable talking to me, write it down on a paper and give it to me. I am always open and welcome new ideas.

# REPORT'S

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MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasurer's Report

By Ken Welker

Balance Oct. 1, 1990.. \$1373.11

I  
N D.O.M. SALES.....\$ 77.00  
C BLANK DISKS.....\$ 29.00  
O MEMBERSHIP.....\$ 60.00  
M 50/50 RAFFLE.....\$ 7.00  
E SODA.....\$ 2.26

OCT. INCOME.....\$175.26

E  
X NEWS LETTER.....\$ 33.80  
P  
E POSTAGE.....\$ 10.00  
N  
S  
E

OCT. EXPENSES.....\$ 43.80

CURRENT BALANCE..\$1504.57  
AS OF NOV. 1, 1990

# Editor's View by Larry Briggs

Here we have an election of officers for 1991, look at the slate listed in the president's report. Almost all the same old faces and a repeat of past officers. You will also note that two of the nominee's are from the same family. Surely a few of you members will stand up and offer to run against us, so this does not become a family affair. not that I find that so bad, as one is my wife, Charlotte, who will do a good job. the other is a very capable couple, the Welkers. It would be nice to have to vote for someone, and not let the incumbents walk in, we need new blood.

If this sounds harsh, perhaps it is, but we sit in our meetings and hear the same voices, mostly the board members, offering suggestions on how to better the club and it's functions. It would be nice to have you members tell us (The Board) what you would like, or maybe what you do not like. The board is always open for idea's to make things more interesting.

We all must do something to increase our membership, perhaps open it up to other Computer brands. IBM is the computer that is most visable in all the stores. Commodore best wake up and put some of their computers along side of IBM on the shelves, for sale, or close up shop as Commodore customers will be gone. They have dwindled already. Some of our past and present members have already gone to IBM.. About the only place to buy a C64 is by mail order, when you can find them. The word is out, that Commodore is still selling a million C64's a year, I wonder how. The software is drying up, very few new programs are being written, and it is becoming very difficult to find anything new from the public domain to make a disk of the month.

I still subscribe to RUN magazine and the word is out that they are going to cut back to bimonthly, starting January 1991 due to the lack of advertisers. Another Commodore magazine is ready to bite the dust. When RUN folds that will be the last of the magazines for the Commodore C64. Perhaps we should all write to RUN and offer our support.

Some time ago, Commodore offered a promotion that if you traded in your Amiga 1000, they would allow \$1000.00 off on a complete Amiga 2000 system. I would think it would be in their best interest to help keep the C64 Users in the Commodore fold, by offering a trade in of

some sort to an Amiga System. perhaps we can then turn this club into an Amiga club. It seems that it is the 64 users who are dropping out. I read editorials from other computer clubs, and they are having the same trouble as we are having.

I can remember when this club had 180 members, you had to get to the meeting early if you wanted to get a good seat, now I look out there and think that only a few people showed up for the meeting, forgetting that we only have 45 members now. That is the indication of how computer clubs are going.

We are going to try advertising in the Belleville newspaper in an effort to increase our membership, this may bring in a few IBM users to look us over, let's welcome them if they do. You may or not know that we have three IBM user members now even though the club does not offer any support for them, that may change-- the present board is talking about this change, give the board your thought's on this subject.

Starting this month- Nov.- the club will be raffling a \$25.00 gift certificate from the Software Etc. store in the Mall. The tickets will be \$1.00 each, please participate, the object of this drawing is not to make money for the club, (we do not expect to sell 25 tickets) but to make it an inducement for others to attend the meetings. The Board feels that we must sell at least \$10.00 worth. There will also be a free door attendance prize. All these goodies and it is not Christmas yet.

I do not want to slight anyone, it just came to mind that there is another C64 Magazine, COMPUTE, They have combined Commodore C64/128, Amiga, Mac, and IBM & compatibles. It is a good magazine with a lot of advertising, it should be around for some time.

I hate to keep harping on the same subject, BUT, I still am not receiving any articles from the members to print in this newsletter. When I became editor a year ago I got spoiled, many of you did submit articles for a while, then slowly they dwindled down to just Juanita Welker and what I could eke out. It sure would be nice if you would start up again, Surprise me.....

May I take this opportunity to wish you all a  
**HAPPY THANKSGIVING..ed**

# D.O.M.

for the AMIGA  
by jim Tomlinson

Nov.1990 Amiga disk of the Month

**CAR** - Here is a fun two-dimensional car racing game that features scrolling graphics. The readme file goes into full detail on how to play this fun game.

**ChAmiChkrs** - For those of you that like to play chinese checkers or would just like to show your kids how too, here it is! It is fully configurable, and has excellent documentation.

**DKBTrace** - Although I don't use ray-tracing programs, I've heard this one does a good job and even features a conversion feature. MUST be run from CLI. Lots of documentation.

**Mon** - A fully featured machine language monitor that runs from the CLI. Mon.doc is the documentation file.

**Mutants** - Mutants from Mars are trying to get you as you try to collect the diamonds. If you can make them collide, you can kill them. This game is not as easy as it sounds.

**Gamebust4** - A collection of hints on winning at different games. This is on the main directory of the disk and must be read from the CLI.

**Muff1.3a** - For those of you that are venturing into the art of programming your AMIGA in C code, here is a program that combines all the steps into a single command. For instance, if you wanted to compile your source, assemble it then link it; using this program, it is one command.

**COMING NEXT MONTH---** Rabid gerbils are attacking through your AMIGA ---COMING

---

Jim Tomlinson has been shipped to the sand box in Saudi Arabia and has missed the last two meetings. The good news is the tour is for only 30 days and he will be back home soon. (ed)

## SECRETARY'S REPORT

MINUTES-MEETING OCTOBER 17, 1990

By Juanita Welker

Meeting was called to order at 7:10 P.M. Three members of the board were absent. There were 25 members present. The reading of the minutes from the last regular meeting was waived.

The Treasurer's report was accepted as read by the Treasurer.

Membership Chairman E. Truttmann reported that the club now has 45 members.

### OLD BUSINESS:

The President reminded everyone present that there will be an election of Officers at the next regular meeting. The slate that was presented to the membership is as follows:

President	Kurt Isbrecht
Vice President	Earl Salmons
Editor	Larry Briggs
Treasurer	Ken Welker
Secretary	Juanita Welker
Librarian	Everett Truttmann
MAL	Dan Deutschmann
MAL	Charlotte Briggs

The other 2 MAL have 1 year to go on their terms.

The Christmas party was discussed with the President reminding everyone that we will have sandwiches, snacks, cookies and punch.

### NEW BUSINESS:

It was announced at this meeting that after December 1990, there will no longer be any 128 DOM produced for sale by the club. The reason is because of low demand from members. The club will continue to produce DOM's for the 64 and Amiga.

The question was raised about the purchasing of door prizes and a motion was made and seconded to purchase a \$10.00 door prize for each meeting.

A discussion was had about holding a monthly raffle for a \$25.00 gift certificate from a software store. A motion was made, seconded and approved. Larry Briggs has offered to purchase door prizes.

The President announced that installation of Officers will be before the regular business meeting in January, 1991.

The meeting was then adjourned.

# D.O.M... for the C64

by Everett Truttmann

9	"MENU	"	PRG	Load"menu",8,1 or each program by file name.
7	"SMILE DARN YOU	"	PRG	Please do.
34	"BOMBER RUN	"	PRG	Game-Please wait it's a slow loader.
25	"FROGGY	"	PRG	Game.
20	"MAXIT	"	PRG	Game-With numbers.
15	"MULE RACE	"	PRG	Game-Betting is allowed on these races.
25	"POKER	"	PRG	Game-You know how.
26	"MUSICMASTER	"	PRG	music-you make it play, by playing the key board.
21	"SACE NIM	"	PRG	Game-Not to bad.
35	"SUPER DICE	"	PRG	Game.
26	"TICTACARITH	"	PRG	Educational-Math game.
31	"ZAP SMILEY	"	PRG	Game.
13	"DAY SEARCH	"	PRG	Calendar-Find any mo.day or year you want.
64	"MAILCALL	"	PRG	Program-For keeping names and addresses
20	"NUMBER CONVERTER"	"	PRG	Utility.
11	"LETTER PUZZLE	"	PRG	Game.
7	"LONG DIVISION	"	PRG	Educational-Math.
6	"MAKING CHANGE	"	PRG	Educational.
22	"PICTURE ABC 1	"	PRG	Educational-For pre-school children.
25	"PICTURE ABC 2	"	ORG	Educational.
19	"ASST PICTURE	"	PRG	Graphics.
66	"BOING	"	PRG	Picture-Action.
3	"HYPNOTIC PATTERN"	"	PRG	Novelty-Crazy man crazy.
6	"PITCH PIPE	"	PRG	You can tune guitar with this.
11	"SPLURGE	"	PRG	Novelty-Now the computeris getting into the act.
8	"TULIPS	"	PRG	Novelty-Tu lips are better than tulips,do you agree?
39	"STRANGE STORIES	"	PRG	Novelty-You wont believe them.
18	"PROGRAM ANALIZER"	"	PRG	Utility.
16	"HOMEWORK RECORDS"	"	PRG	For students.
16	"ATTENDANCE	"	PRG	For workers or students.
9	"NAMES UTILITY	"	PRG	Utility.
6	"FINIS	"	PRG	It's over for now.

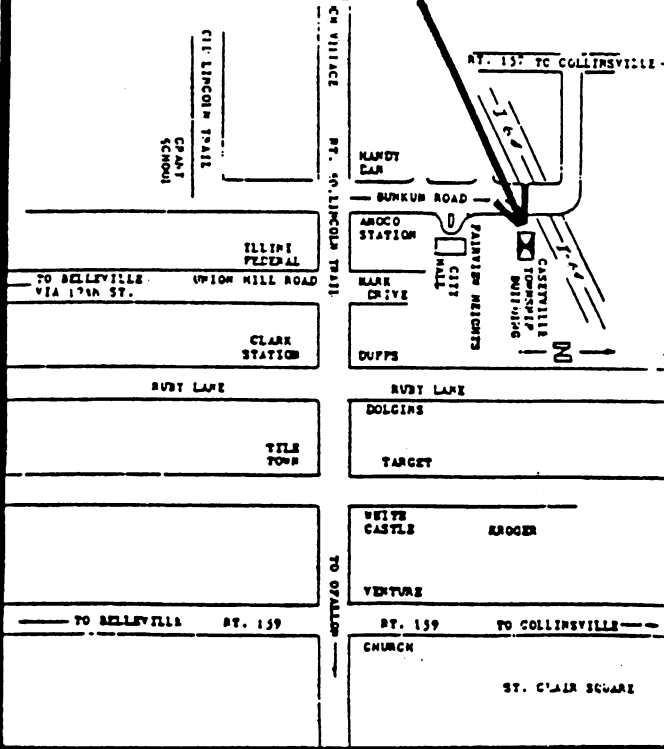
"GCC DOM128 NOV90" KJ 2A

LONG LIVE THE C-128

54	"MENU 128 V2.2"	P	7	"INNER PLANETS 1"	P	1	"XXXXXXXXXXXXXXXXXX
187	"LIGHT I"	P	3	"INNER PLANETS 2"	P	1	"GATEWAY"
186	"LIGHT II"	P	12	"BALL SWING"	P	1	"COMPUTER CLUB"
10	"80-COLUMN TRICKS"	P	83	"SPREADSHEET128V2"	P	1	"COMPILED BY"
46	"MORSE CODE TUTOR"	P	12	"POLYGONS V1"	P	1	"KEN JEFFRESS"
31	"USA MAP QUIZ"	P	10	"CODETEST"	P	1	"0000000000000000
5	"SOLAR SYSTEM"	P	3	"NOTATOR.128"	P	0	BLOCKS FREE.
8	"USS ENTERPRISE"	P	1	"PRG NAMES FILE"	S		



## Gateway Computer Club meeting place



## GCC Directory

### Next Meeting:

November 21st 1990

### Next Exec. Bd. Meeting:

December 3rd 1990 7:00pm  
(At WESTERN SIZZLIN)  
Fairview Heights Il

### Next Copy Session:

At Regular meetings

## Visitors Always Welcome

### At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights.



**GATEWAY COMPUTER CLUB**  
P.O. Box 1839  
Fairview Heights, IL 62208



Check your dues date!

# First Class

# Bits & Chips

of the Gateway Computer Club

Volume 7

December 1990

Number 12

## MERRY CHRISTMAS

AND A

## HAPPY NEW

## YEAR

## TO ONE

AND

## ALL



## VIEW FROM THE TOP

By Juanita Welker

Its December and time for that jolly old elf, cold weather and that fluffy white stuff. I personally kind of like the elf and the cold weather isn't too bad but you or someone out there can keep the fluffy white stuff.

We had a good November meeting. I want to congratulate the President elect for 1991, Curt Isbrecht and his slate of officers. You all have your work cut out for yourselves.

We had a good discussion at the last meeting about opening the club up to all people interested in computers. The discussion boiled down to the question of the IBM compatible users and how this issue would be handled. There were various concerns raised by the membership. One issue is the apparent feeling that this type of computer user may at sometime take over the club. Also that there would come a time that the Commodore 64 people would be "forgotten" or "would have nothing in common with compatible users". The question of a possible merger with another club was discussed. I consider all of these points important and they deserve serious consideration. I have appointed Richard Collins to chair a committee to investigate this issue. Basically the committee will look at the issues and try to determine what possible problems could exist with opening the club to all computer users. Also the committee will try to find some solution and/or recommendations for the questions that have already been raised. This club is at a crossroad and which direction we take could very well determine the future of our organization. We need every members input. Tell us how you feel. If Richard asks you for input please give it freely.

He will need your help in determining recommendations to be given to your Board of Directors.

I would like to remind our members that at our December meeting we will celebrate Christmas with a very short meeting to be followed by entertainment, food and punch. Please plan on bringing your families and rejoice the season with us.

On behalf of the Board of Directors and myself, we wish you all the very best for the holiday season. MERRY CHRISTMAS AND HAVE A HAPPY NEW YEAR.

## MINUTES FROM MEETING

of 11-21-1990

By Juanita Welker

The meeting was called to order at 7:15 P.M. There were 23 members present.

The minutes from the last regular meeting were accepted as read.

The Treasurers report was accepted as read.

The Membership chairman reported that we have 43 members.

Old Business:

The President reminded everyone of the upcoming Christmas party to take place at our December meeting.

The slate of officers was presented to the club and the President asked for nominations from the floor. Charlotte Briggs withdrew from consideration and Bill Broda was nominated to serve as M.A.L. Since there were no contests for any of the offices, the President then asked for a election by acclamation.

A motion was made and seconded to elect the slate of officers by acclamation. The officers for the year 1991 are as follows:

Kurt Isbrecht	President
Earl Salmons	Vice-President
Editor	Larry Briggs
Treasurer	Kenneth Welker
Secretary	Juanita Welker
Librarian	Everett Truttman
MAL	Dan Deutschmann
MAL	Bill Broda

New Business:

The President asked about the possibility of opening the club up to all who have an interest in computers. There was a discussion and it was decided to have a committee formed to look into the feasibility of such a move. Richard Collins was appointed chairman of this committee.

Announcements:

The club welcomed J.W. Price of ApRhys Technologies to the meeting.

John Koen announced that he had some magazines free for the taking at the back of the meeting hall.

The meeting was then adjourned.

# REPORT'S

## The Club

The Gateway Computer Club is a not for profit organization of like-minded Commodore computer users. Membership fee is \$15.00 per year. Members receive access to the club's public domain library, educational programs, literature and monthly "Bits & Chips". Direct all membership applications and questions to the Gateway Computer Club c/o P.O. Box 1839, Fairview Heights, Il 62206. Only public domain programs are kept in the G.C.C. library. Reproduction of copyrighted software is not promoted nor condoned by the G.C.C. and will not be tolerated at club functions.

## Bits & Chips

Please direct all submissions and advertising to Editor Larry Briggs, 1021 Lafayette Ct. Collinsville, Il 62234. Camera ready advertising must be received by the first of the month to be included in the issue of the month. Rates are as follows: Full page- \$15.00, Half page- \$7.50, Quarter page- \$3.75, and business card -\$10.00 for 6 months.

Contents of the "Bits & Chips" may be reprinted by other club newsletters if accompanied by the author's name and credit is given to the GATEWAY COMPUTER CLUB. The G.C.C. assumes no liability for errors in articles or advertisements.

## The Officers

PRES: Juanita Welker.....234-5901  
VP: Earl Salmons.....397-5029  
SEC: Bertha Koerper.....452-5110  
TREAS: Ken Welker.....234-5901  
LIBR: Everett Truttman.....632-4735  
EDITOR: Larry Briggs.....345-0220  
MAL: Bill Broda.....533-0148  
Mal: Ken Jeffress.....234-4113  
MAL: Rich Koerper.....452-5110  
MAL: Jim Tomlinson.....624-3872

## Treasurer's Report

By Ken Welker

Balance Nov.1, 1990. . \$1454.57

I  
N D.O.M. SALES.....\$ 31.50  
C BLANK DISKS.....\$ 75.00  
O MEMBERSHIP.....\$ 45.00  
M 50/50 RAFFLE.....\$ 7.00  
E SODA.....\$ 3.90  
RAFFLE.....\$ 13.00

NOV. INCOME.....\$175.40

E GIFT CERTIFICATE.....\$ 25.00  
X NEWS LETTER.....\$ 33.48  
P DOOR PRIZE.....\$ 7.98  
E POSTAGE.....\$ 10.00  
N NEWS PAPER AD.....\$ 25.60  
S FILM.....\$ 5.18  
E SODA.....\$ 11.25

NOV. EXPENSES.....\$118.49

CURRENT BALANCE.....\$1511.48  
AS OF DEC. 1, 1990

# Editor's View by Larry Briggs

Well, finally we got the members to speak up at a meeting. It took the discussion about opening up the membership to other computer brand users, namely IBM and compatible machines. The debate was long and heated at times, but in the end, the majority of the members present were in favor of inviting IBM users to join our group. A committee was formed to plan rules, and a change in our constitution bylaws, and report back to the membership for further action. This move is necessary to increase our membership if this club is to survive.

The club is continuing to place ads in the local newspaper and we have had a positive response. Hopefully, we will gain some new members in this manner. There should be some new computer's purchased for Christmas and

some of the new owners should be looking for help. We needed to run these ads to let them know where it can be found.

Please take note!--There is a full page advertisement from KAPPEL'S ConnectingPoint Computer Center, 125 E. Main Belleville, IL in this month's GCC newsletter. They indicated that they would continue to advertise if they get support from us, their ad states that you can get a 25% discount. They are an authorized Commodore dealer and repair center. The next time that you are in Belleville stop in and take a look.

May I take this opportunity to express my thanks for allowing me to be your Editor for the past year, it has been a learning experience as I have never done anything like this before. I'm still learning new things every issue. MERRY CHRISTMAS and a HAPPY NEW YEAR.

## D.O.M. for the Amiga by Jim Tomlinson

**GERBGAME** - IT'S YOU AGAINST THE RABID GERBILS IN A FIGHT TO THE DEATH. HOW LONG CAN YOU KEEP GOING? CLICK THE ICON AND FIND OUT.

**ARCHEDGE** - HERE IS AN EXCELLENT INTERFACE TO ALL THOSE ARCHIVE PROGRAMS. FULL DOCUMENTATION IS ON THE DISK TO LET YOU USE THIS PROGRAM TO IT'S FULLEST.

**IMPERIUM\_ROMANUM** - A NICE STRATEGY GAME WHERE YOU TRY TO GAIN CONTROL OF THE ANCIENT MEDITERANEAN. UP TO 4 PLAYERS SHOULD MAKE THIS GAME EVEN MORE INTERESTING.

**BLITTERSAND** - AN EYE-CATCHING SCREEN HACK.

**DW** - DIRWORK IS ANOTHER CLI INTERFACE WITH SOME INTERESTING TWISTS. DOCUMENTATION IS PROVIDED.

**BBC3** - BOOT BLOCK CHAMPION ALLOWS YOU TO SAVE BOOT BLOCKS OF IMPORTANT DISKS INCASE A VIRUS DESTROYS IT. VERY EASY TO USE INTERFACE AND FULL DOCUMENTATION ARE INCLUDED.

**SPADES** - A GOOD CARD GAME WITH SPARCE DOCUMENTATION BUILT IN.

**GShell** - ANOTHER CLI INTERFACE.

**TEASE** - AN APPOINTMENT AND DATE REMINDER THAT YOU STICK IN YOU STARTUP-SEQUENCE IN YOUR S: DIRECTORY. KEEPS TRACK OF IMPORTANT DATES.

**LHARC** - LATEST VERSION OF THIS CLI ONLY ARCHIVE PROGRAM. YOU CAN USE THIS WITH ARCHEDGE.

MERRY CHRISTMAS AND HAPPY NEW YEAR

PS: THERE IS A CHRISTMAS PRESENT HIDDEN ON THIS DISK.

# D.O.M. for the C64

by Everett Truttmann

2	"BOOT ALL	" PRG	Load"boot all",8,1 or each program by file name.
7	"SMILE DARN YOU	" PRG	Please do.
20	"DIRECTOR MAGIC	" PRG	Utility-Very good.
1	"DIR ASSISTANCE	" PRG	Utility-Similar to above,also very good.
64	"LABEL MAKER	" PRG	Very good.
57	"JET PACK	" PRG	Game-Arcade type.
98	"SNAKMAN	" PRG	Game-Arcade type.
25	"HEADROOM	" PRG	Picture-Action.
4	"CHRISTMAS BOOT	" PRG	Real nice Winter scenes and christmas music.
2	"MAGIC	" PRG	Christmas tree.
2	"XMADS CARD	" PRG	To one and all.
11	"TYPE SETTER	" PRG	Utility-Different setups for your printer.
7	"BARRICADE	" PRG	Game-Somthing to do on a long winter nite.
11	"MASTERWORD	" PRG	This seems impossiable,but you'r smarter then me.
9	"SHUFFLE	" PRG	Game-Another move blocks game.
10	"MUL MASTER	" PRG	Educational-Math.
6	"CHANGE TITLE	" PRG	Utility-You can change a disk header title.
6	"PENTOMINOS	" PRG	Game-You build with blocks,just what I need.
6	"APPT CALANDER	" PRG	Prints a month and adds space for appointments.
13	"YEARLY CALANDER	" ORG	Prints a 12 month calander.
10	"PERPETUAL CALEND"	" PRG	This also will print a calander.
7	"FINIS	" PRG	The last one this year. Hope you dide't mind to much I wish you a very happy holiday.
2, BLOCKS FREE.			

## D.O.M. C128 by Ken Jeffress

54	"MENU 128 V2.2"	P	3	"B1"	P	4	"J"
43	"CAROLING"	P	13	"C"	P	10	"BLUE BOOGIE:80"
3	"SNOW"	P	3	"C1"	P	1	"PRG NAMES FILE"
3	"STAR"	P	10	"D"	P	1	"XXXXXXXXXXXXXXXXXX"
32	"XMAS SONGS 128"	P	3	"D1"	P	1	"GATEWAY"
173	"ELECTRICITY I"	P	12	"E"	P	1	"COMPUTER CLUB"
189	"ELECTRICITY II"	P	3	"E1"	P	1	"COMPILED BY"
8	"XMAS MUSIC 128"	P	12	"F"	P	1	"KEN JEFFRESS"
10	"A"	P	12	"G"	P	1	"PLEASE SEE OTHER"
3	"A1"	P	12	"H"	P	1	"SIDE OF DISK"
23	"B"	P	10	"I"	P	0	BLOCKS FREE.

\*\*\*\*\*  
**\*\* THE UNREALITY LAB (WHERE IMAGINATION IS MADE REAL) \*\***

\*\* John D. Koen / Rich Collins 12/2/90 \*\*  
**CALENDAR PROGRAM** \*\*  
 \*\*\*\*\*

\*The program is designed to print a 12 month calendar on HALF  
 \*of an 11 inch page so you can print it below (or above) an \*  
 \*image sent to your printer from your paint/graphics program\*  
 \*The algorithm is written in BASIC source code and is easily\*  
 \*modified. It is valid for any Georgian calendar based on: \*  
 \* (1) Every 4th year is a leap year \*  
 \* (2) Every century year (1800,1900) is not a leap year \*  
 \* (3) Every quad-century year (1600,2000) is a leap year \*  
 \*(information from the 1956 World Book Encyclopedia) \*

\*\*\*\*\*  
 \*We used an EpsonXOld print driver for the hardcopy version.\*  
 \*If you copy the program to a copy of your Extras disk, it- \*  
 \*should work fine. A video version is also here. Include \*  
 \*the SYSTEM command at the end of the program to exit BASIC.\*  
 \* ::(C64 users may type it in / minor output mod required)::\*  
 \*Questions/help: 618-463-1338 (leave message) \*  
 \*\*\*\*\*

```

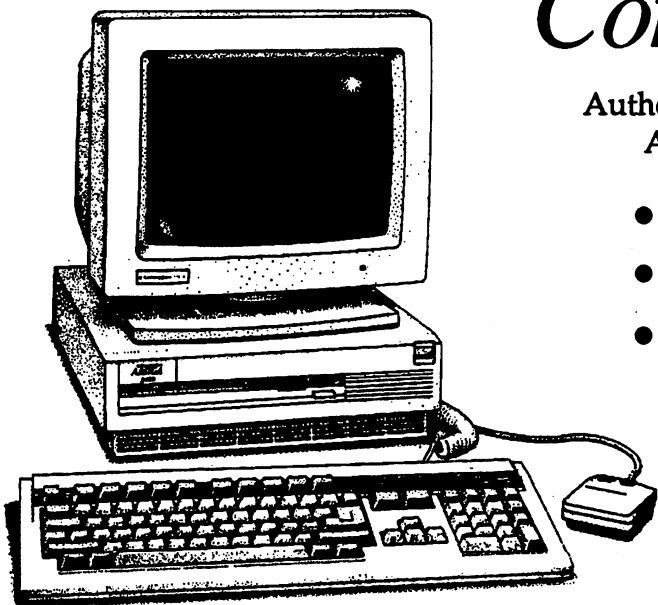
10 REM THE UNREALITY LAB CALENDAR PROGRAM 12/2/90
20 REM PRINT UNDERNEATH A FAVORITE IMAGE
30 REM FOR A COMPLETE YEAR AT A GLANCE CALENDAR
33 REM LINE NUMBERS NOT REQUIRED FOR AMIGA BASIC
36 REM NO GOTOS ARE USED ANYWHERE HERE!
40 DIM ML(12),M$(12),DY(12):B$=STRING$(22,32)
50 D$(4)=B$+"1 2 3 4 5 6 7 8 9":FOR I=10 TO 28:D$(4)=D$(4)+STR$(I):NEXT
60 D$(3)=D$(4)+" 29":D$(2)=D$(3)+" 30":D$(1)=D$(2)+" 31"
70 FOR I=1 TO 4:D$(I)=D$(I)+B$+B$:NEXT
80 DATA JANUARY,0,1,FEBRUARY,3,4,MARCH,3,1,APRIL,6,2,MAY,1,1,JUNE,4,2,JULY,6,1
90 DATA AUGUST,2,1,SEPTEMBER,5,2,OCTOBER,0,1,NOVEMBER,3,2,DECEMBER,5,1
100 FOR I=1 TO 12:READ M$(I),ML(I),DY(I):NEXT
110 INPUT"ENTER YEAR DESIRED";YR
120 Y1=INT(YR/4):IF YR/4=INT(YR/4) THEN Y1=Y1-1:LY=1:DY(2)=3
130 Y2=INT(YR/100):IF YR/100=INT(YR/100) THEN Y1=Y1+1:LY=0:DY(2)=4
140 Y3=INT(YR/400):IF YR/400=INT(YR/400) THEN Y1=Y1-1:LY=1:DY(2)=3
150 TD=YR*365+Y1-Y2+Y3:WK=INT(TD/7):SD=TD-WK*7
160 FOR I=1 TO 12:ML(I)=ML(I)+SD+LY:IF I<3 THEN ML(I)=ML(I)-LY
170 IF ML(I)>6 THEN ML(I)=ML(I)-7
180 NEXT:CLS:LPRINT TAB(36)YR:LPRINT
190 FOR I=1 TO 4:X1=I*3-2:X2=I*3-1:X3=I*3
200 LPRINT TAB((25-LEN(M$(X1)))/2)M$(X1);
210 LPRINT TAB((80-LEN(M$(X2)))/2)M$(X2);
220 LPRINT TAB((135-LEN(M$(X3)))/2)M$(X3)
230 FOR K=0 TO 5
240 P1=3*(7-ML(X1))+K*21:P2=3*(7-ML(X2))+K*21:P3=3*(7-ML(X3))+K*21
250 LPRINT MID$(D$(DY(X1)),P1,21),MID$(D$(DY(X2)),P2,21),MID$(D$(DY(X3)),P3,21)
260 NEXT:NEXT
  
```

# Kappel's Connecting Point

125 East Main Street, Belleville IL 62220 (618) 277-2354 (314) 454-0178

## Commodore Amiga™

Authorized Retail, Education, & Government Dealer,  
Amiga Warrantee Repair and Service Center



Amiga 3000/25 on display!

- 25% Club Member Discount\*
- Connecting Point Credit Card\*\*
- Full Service and Support

**User Group Special - 1/3 Off on  
A500 Package - Call for details!**

\*May not apply on all products. Discounted from the manufacturers' suggested list prices. Sale prices and other discounts do not apply. Available only to current club members bearing a valid membership card. Offer subject to change. \*\*Certain restrictions may apply.

### Amiga Products (Club Prices)

Shadow of the Brast II.....	44.96	Power Pinball .....	29.96
Where in Time is Carmen SanDiego? .....	44.96	Pelican Press Consumer Version.....	99.95
Jack Nicklaus' Golf Unltd. Course Design. ....	44.96	Pelican Press School Version .....	89.96
Wrath of the Demon .....	37.46	Overdrive.....	44.96
Disney's Animation Studio .....	134.96	All Dogs Go To Heaven .....	22.46
Disney's The Duck Tales Adventure .....	33.71	Quick Write .....	56.25
ProWrite 3.1 .....	131.25	Bane of the Cosmic Forge .....	44.96
CrossDOS 4.0 .....	29.96	Commodore Holiday Software Pack .....	152.00
Drakkhen .....	44.96	Epson LX-810 9-pin Printer .....	224.25
HardBall II.....	37.46	Epson LQ-510 24-pin Printer .....	374.25
Tetris .....	34.95	Hewlett-Packard DeskJet 500 Ink Jet Ptr. ..	546.75
Dragon's Lair II: Escape fm Singe's Castle ..	52.46	1950 VGA/RGBA Monitor .....	599.25
Ishido .....	41.21	1930 VGA Monitor .....	486.75
Sim City .....	37.46	1402 White VGA Mono Monitor .....	96.75
Their Finest Hour: Battle of Britian .....	29.96	2024 Hi-Res Mono Monitor .....	561.75
Loom .....	44.96	NewTek Video Toaster .....	CALL
Dragon Lord .....	37.46	A2320 De-Interlacer Card (2000/2500) ....	224.25
Wings Combat Simulator .....	37.46	ICD Flicker Free Video (500/2000/2500) ..	374.96
Championship Golf .....	22.46	GVP Series II A500-HD+ .....	CALL
Transylvania .....	29.96	GVP Series II RH-5500 Removable HD....	749.25
Thunder Strike .....	29.96	Applied Engineering 100W PWS f/500 .....	74.25



# GCC Directory

December 19th, 1990

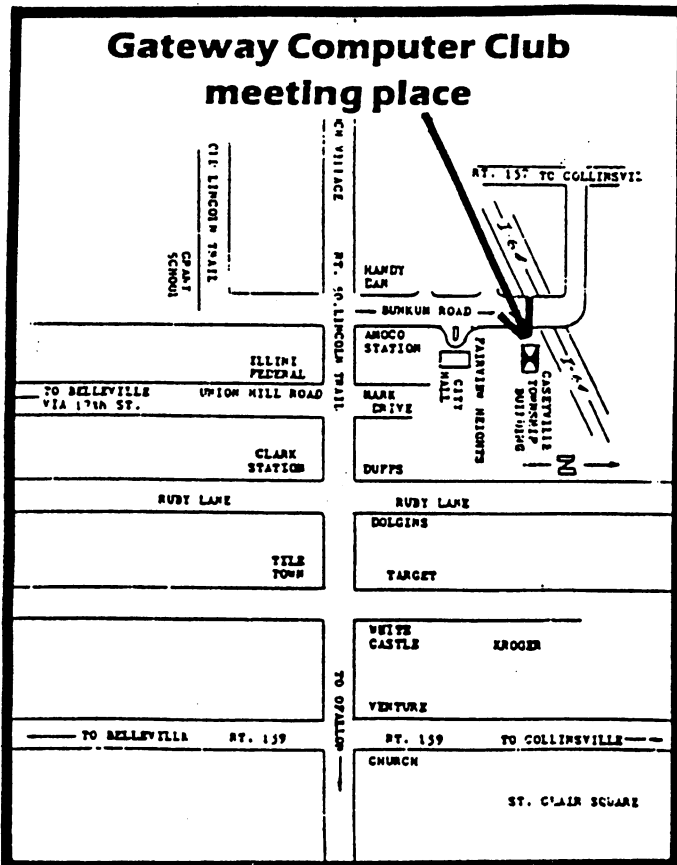
January 2nd, 1991 7:00pm  
at Western Sizzlin  
Fairview Heights, Il

At regular meetings

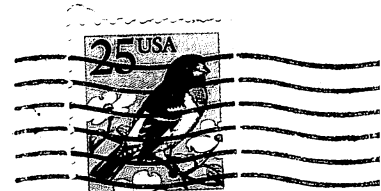
## 09

## At Meetings

Meetings are held the third Wednesday of every month at the Caseyville Township Hall, 10010 Bunkum Road in Fairview Heights



**GATEWAY COMPUTER CLUB**  
**P.O. Box 1839**  
**Fairview Heights, IL 62208**



## Check your dues date!

# First Class